

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017137.D
 Acq On : 13 Sep 2023 03:36
 Operator : MA/JU
 Sample : PB155343BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 04:18:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	254247	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	1121326	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	712457	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1620786	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1590297	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	1644260	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	42291	6.990	ng/uL	0.00
4) Pyridine-d5	3.746	84	602941	34.837	ng/u1	0.00
7) Phenol-d5	7.105	99	839191	40.592	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	489573	37.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	652903	39.588	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	659423	38.487	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	318025	40.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	361463	43.121	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	673268	41.531	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	861722	35.267	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	2004053	39.528	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	2263082	39.338	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	382888	39.075	ng/u1	0.00
60) Fluorene-d10	15.610	176	1718715	39.206	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	365633	40.378	ng/u1	0.00
73) Anthracene-d10	17.486	188	2668832	38.755	ng/u1	0.00
81) Pyrene-d10	19.722	212	3362779	40.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	3293836	42.443	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	92023	14.145	ng/uL	94
5) Pyridine	3.769	79	610340	34.045	ng/u1	97
6) Benzaldehyde	7.116	77	435812	37.865	ng/u1	97
8) Phenol	7.134	94	876369	40.193	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.393	93	676712	38.913	ng/u1	100
12) 2-Chlorophenol	7.510	128	680349	40.641	ng/u1	99
13) 2-Methylphenol	8.399	108	640169	39.383	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.487	45	863561m	36.641	ng/u1	
16) Acetophenone	8.805	105	1066910	39.784	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	544493	39.511	ng/u1	99
18) 4-Methylphenol	8.734	108	718714	39.964	ng/u1	98
19) Hexachloroethane	9.022	117	273032	39.657	ng/u1	94
22) Nitrobenzene	9.199	77	815640	39.889	ng/u1	98
23) Isophorone	9.716	82	1519412	39.652	ng/u1	99
25) 2-Nitrophenol	9.899	139	400192	42.955	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	605028	31.865	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.199	93	938600	39.082	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	677180	41.267	ng/u1	97
30) Naphthalene	10.834	128	2214578	39.029	ng/u1	100
32) 4-Chloroaniline	10.969	127	761112	31.920	ng/u1	98
33) Hexachlorobutadiene	11.057	225	435559	39.090	ng/u1	98
34) Caprolactam	11.804	113	228527m	44.304	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	737321	41.528	ng/u1	100
36) 2-Methylnaphthalene	12.440	142	1510313	39.446	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017137.D
 Acq On : 13 Sep 2023 03:36
 Operator : MA/JU
 Sample : PB155343BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

Quant Time: Sep 13 04:18:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	1464173	37.779	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.787	216	843134	39.733	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	391259	29.593	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	537812	39.896	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	594532	41.485	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	2052068	40.167	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1617546	39.870	ng/ul	100
45) 2-Nitroaniline	13.734	65	479716	43.653	ng/ul	95
47) Dimethylphthalate	14.081	163	2090295	40.614	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	429049	45.598	ng/ul	100
50) Acenaphthylene	14.345	152	2535333	38.148	ng/ul	99
51) 3-Nitroaniline	14.563	138	447284	44.435	ng/ul	99
52) Acenaphthene	14.681	153	1748589	39.760	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	250416	37.996	ng/ul	94
55) 4-Nitrophenol	14.851	109	315831	40.271	ng/ul	97
56) Dibenzofuran	15.016	168	2442565	40.190	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	629831	44.952	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.234	232	491897	39.125	ng/ul	96
59) Diethylphthalate	15.434	149	2090674	41.143	ng/ul	99
61) Fluorene	15.669	166	2012973	40.062	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	1031045	40.360	ng/ul	99
63) 4-Nitroaniline	15.734	138	456455	48.777	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	385319	39.649	ng/ul#	95
67) N-Nitrosodiphenylamine	15.887	169	1708990	40.552	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	643595	41.658	ng/ul	96
69) Hexachlorobenzene	16.639	284	754523	41.261	ng/ul	99
70) Atrazine	16.839	200	290301	19.030	ng/ul	99
71) Pentachlorophenol	17.010	266	405553	34.125	ng/ul	100
72) Phenanthrene	17.428	178	3275391	40.213	ng/ul	99
74) Anthracene	17.522	178	3222166	39.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	84768	3.783	ng/uL	98
76) Pentachlorobenzene	14.910	250	867813	42.677	ng/uL	99
77) Carbazole	17.804	167	3038093	41.941	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3661683	44.360	ng/ul	99
80) Fluoranthene	19.392	202	4046729	41.512	ng/ul	100
82) Pyrene	19.751	202	4213508	40.906	ng/ul	100
83) Butylbenzylphthalate	20.610	149	1722023	46.875	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	1423141	43.649	ng/ul	98
85) Benzo(a)anthracene	21.469	228	4215037	40.480	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	2480954	48.109	ng/ul	98
87) Chrysene	21.527	228	3966551	40.951	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	4280005	46.944	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4225703	43.600	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	4159334	43.169	ng/ul	100
93) Benzo(a)pyrene	23.898	252	3716075	41.327	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.692	276	4608804	46.287	ng/ul	99
95) Dibenzo(a,h)anthracene	26.715	278	3894827	46.566	ng/ul	99
96) Benzo(g,h,i)perylene	27.527	276	3602532	46.790	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

