

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017617.D
 Acq On : 06 Oct 2023 23:55
 Operator : MA/JU
 Sample : PB156032BS
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS032

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 07 00:24:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 05:55:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	101770	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	432380	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	282133	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.416	188	637776	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	690891	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	751079	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	16726	6.571	ng/uL	0.00
4) Pyridine-d5	3.717	84	236798	35.539	ng/u1	0.00
7) Phenol-d5	7.087	99	320963	37.484	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	190234	36.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	255016	37.824	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	251911	36.750	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	122044	36.689	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	139198	37.102	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	266166	38.267	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	341488	34.465	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	811730	36.885	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	904326	37.266	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	143948	37.351	ng/u1	0.00
60) Fluorene-d10	15.628	176	704713	37.753	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.775	200	145843	36.680	ng/u1	0.00
73) Anthracene-d10	17.516	188	1104743	37.421	ng/u1	0.00
81) Pyrene-d10	19.769	212	1435748	37.398	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1463271	38.604	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	38239	14.613	ng/uL	89
5) Pyridine	3.740	79	231561	33.095	ng/u1	96
6) Benzaldehyde	7.093	77	171792	39.798	ng/u1	99
8) Phenol	7.116	94	343347	40.034	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	268263	38.632	ng/u1	100
12) 2-Chlorophenol	7.487	128	274715	40.259	ng/u1	99
13) 2-Methylphenol	8.381	108	249926	38.885	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	345542m	37.791	ng/u1	
16) Acetophenone	8.793	105	417176	38.590	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.757	70	220226	39.703	ng/u1	96
18) 4-Methylphenol	8.722	108	281523	40.478	ng/u1	99
19) Hexachloroethane	8.999	117	118049	38.973	ng/u1	99
22) Nitrobenzene	9.187	77	335476	39.210	ng/u1	98
23) Isophorone	9.699	82	605902	38.598	ng/u1	99
25) 2-Nitrophenol	9.887	139	159280	40.010	ng/u1	99
26) 2,4-Dimethylphenol	9.934	107	283883	35.966	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.187	93	368564	38.401	ng/u1	100
29) 2,4-Dichlorophenol	10.410	162	273407	40.483	ng/u1	98
30) Naphthalene	10.822	128	887882	38.487	ng/u1	99
32) 4-Chloroaniline	10.963	127	302365	31.970	ng/u1	98
33) Hexachlorobutadiene	11.040	225	187852	38.302	ng/u1	97
34) Caprolactam	11.798	113	82507	39.367	ng/u1	99
35) 4-Chloro-3-methylphenol	12.075	107	298987	41.947	ng/u1	98
36) 2-Methylnaphthalene	12.434	142	617758	39.189	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
 Data File : BP017617.D
 Acq On : 06 Oct 2023 23:55
 Operator : MA/JU
 Sample : PB156032BS
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS032

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 07 00:24:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 05:55:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	610916	37.773	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.787	216	356330	38.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	159128	30.523	ng/ul	97
41) 2,4,6-Trichlorophenol	13.045	196	230090	39.059	ng/ul	99
42) 2,4,5-Trichlorophenol	13.122	196	249652	40.248	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	832990	38.569	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	672189	39.146	ng/ul	99
45) 2-Nitroaniline	13.745	65	202700	42.482	ng/ul	98
47) Dimethylphthalate	14.092	163	874726	39.546	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	174278	42.282	ng/ul	98
50) Acenaphthylene	14.351	152	1100269	39.206	ng/ul	100
51) 3-Nitroaniline	14.581	138	182650	46.484	ng/ul	97
52) Acenaphthene	14.692	153	729877	39.402	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	88232	36.163	ng/ul	93
55) 4-Nitrophenol	14.881	109	140431	40.579	ng/ul	97
56) Dibenzofuran	15.028	168	1035444	39.717	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	266910	43.386	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.251	232	219093	39.908	ng/ul	98
59) Diethylphthalate	15.451	149	897455	40.450	ng/ul	99
61) Fluorene	15.687	166	869721	40.393	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	449336	40.737	ng/ul	99
63) 4-Nitroaniline	15.763	138	195842	53.028	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.787	198	167890	39.469	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	728682	40.803	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	269442	39.850	ng/ul	98
69) Hexachlorobenzene	16.669	284	318684	40.023	ng/ul	97
70) Atrazine	16.869	200	109082	15.788	ng/ul	97
71) Pentachlorophenol	17.039	266	180317	37.408	ng/ul	98
72) Phenanthrene	17.457	178	1380865	40.228	ng/ul	99
74) Anthracene	17.551	178	1386996	39.644	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	350086	37.134	ng/ul	99
76) Pentachlorobenzene	14.922	250	345158	36.882	ng/ul	100
77) Carbazole	17.845	167	1278593	40.699	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1565922	41.356	ng/ul	100
80) Fluoranthene	19.439	202	1749509	39.119	ng/ul	99
82) Pyrene	19.798	202	1883369	39.912	ng/ul	99
83) Butylbenzylphthalate	20.663	149	768881	41.490	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.474	252	628922	40.063	ng/ul	98
85) Benzo(a)anthracene	21.533	228	1983498	40.979	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1126624	42.177	ng/ul	100
87) Chrysene	21.592	228	1848314	40.852	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	1958951	41.229	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1969838	41.779	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	1898562	40.387	ng/ul	99
93) Benzo(a)pyrene	24.010	252	1806599	40.987	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.862	276	2175615	40.375	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1815351	39.982	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1735233	40.143	ng/ul	99

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

