

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
 Data File : BP020854.D
 Acq On : 09 Jul 2024 06:52
 Operator : MA/JU
 Sample : PB161754BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS754

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 07:22:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	164185	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	700887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	466068	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.175	188	1003488	20.000	ng/u1	0.01
79) Chrysene-d12	21.627	240	922736	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1070379	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	28204	7.377	ng/uL	0.00
4) Pyridine-d5	3.675	84	385006	34.551	ng/u1	0.00
7) Phenol-d5	6.922	99	544029	40.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	319650	37.443	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	445577	40.486	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	439709	40.204	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	216348	41.809	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	251667	48.600	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	451788	42.355	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	563242	37.678	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1346025	41.537	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1504037	38.897	ng/u1	0.01
54) 4-Nitrophenol-d4	14.610	143	236436	47.753	ng/u1	0.03
60) Fluorene-d10	15.375	176	1122047	41.148	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	231014	45.682	ng/u1	0.02
73) Anthracene-d10	17.275	188	1750295	38.864	ng/u1	0.01
81) Pyrene-d10	19.657	212	2106010	37.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	2104526	40.419	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	56656	13.242	ng/uL	92
5) Pyridine	3.699	79	385379	33.388	ng/u1	97
6) Benzaldehyde	6.893	77	301108	44.216	ng/u1	97
8) Phenol	6.946	94	537272	39.124	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.163	93	418543	36.814	ng/u1	99
12) 2-Chlorophenol	7.304	128	437229	39.519	ng/u1	99
13) 2-Methylphenol	8.175	108	408588	38.780	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.251	45	600722	34.768	ng/u1	99
16) Acetophenone	8.551	105	656850	37.607	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.534	70	329078	35.446	ng/u1	97
18) 4-Methylphenol	8.504	108	446507	40.036	ng/u1	98
19) Hexachloroethane	8.793	117	184483	38.411	ng/u1	91
22) Nitrobenzene	8.922	77	493759	36.808	ng/u1	99
23) Isophorone	9.446	82	942052	35.443	ng/u1	98
25) 2-Nitrophenol	9.622	139	256093	45.794	ng/u1	94
26) 2,4-Dimethylphenol	9.687	107	374180	28.729	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.916	93	567298	35.878	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	434382	41.143	ng/u1	99
30) Naphthalene	10.551	128	1373146	36.603	ng/u1	99
32) 4-Chloroaniline	10.669	127	507725	35.277	ng/u1	99
33) Hexachlorobutadiene	10.810	225	301107	38.147	ng/u1	99
34) Caprolactam	11.463	113	146782m	45.685	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	479531	41.136	ng/u1	96
36) 2-Methylnaphthalene	12.157	142	939120	37.371	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	950548	37.002	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	567271	38.069	ng/ul	99
40) Hexachlorocyclopentadiene	12.492	237	203092	21.897	ng/ul	100
41) 2,4,6-Trichlorophenol	12.787	196	349812	39.352	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	394928	42.836	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	1258327	36.101	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	991855	36.129	ng/ul	99
45) 2-Nitroaniline	13.445	65	313121	45.283	ng/ul	92
47) Dimethylphthalate	13.822	163	1291279	39.118	ng/ul	98
48) 2,6-Dinitrotoluene	13.951	165	274616	46.655	ng/ul	90
50) Acenaphthylene	14.086	152	1605801	36.765	ng/ul	100
51) 3-Nitroaniline	14.286	138	276281	50.502	ng/ul	95
52) Acenaphthene	14.422	153	1053353	36.355	ng/ul	99
53) 2,4-Dinitrophenol	14.504	184	146806	48.083	ng/ul	99
55) 4-Nitrophenol	14.628	109	185742	41.921	ng/ul	94
56) Dibenzofuran	14.763	168	1462622	37.462	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	402899	49.588	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.010	232	317677	41.719	ng/ul#	92
59) Diethylphthalate	15.198	149	1314857	40.382	ng/ul	98
61) Fluorene	15.433	166	1209185	38.547	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.428	204	633246	38.684	ng/ul	96
63) 4-Nitroaniline	15.469	138	299174m	57.623	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.528	198	242878	44.835	ng/ul#	90
67) N-Nitrosodiphenylamine	15.645	169	1068940	36.121	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	420062	37.529	ng/ul	98
69) Hexachlorobenzene	16.457	284	489499	39.067	ng/ul	94
70) Atrazine	16.622	200	205109	19.660	ng/ul	99
71) Pentachlorophenol	16.822	266	258922	35.893	ng/ul	97
72) Phenanthrene	17.216	178	1960080	37.301	ng/ul	100
74) Anthracene	17.310	178	1953886	36.148	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	563690	34.605	ng/uL	99
76) Pentachlorobenzene	14.686	250	549568	35.399	ng/uL	99
77) Carbazole	17.592	167	1819003	40.776	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2346784	40.504	ng/ul	100
80) Fluoranthene	19.310	202	2398212	35.417	ng/ul	100
82) Pyrene	19.686	202	2511953	36.172	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1075460	41.706	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.533	252	799294	39.178	ng/ul	98
85) Benzo(a)anthracene	21.604	228	2442921	37.771	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1507379	37.649	ng/ul	99
87) Chrysene	21.674	228	2336338	38.217	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	2645391	38.498	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	2513993	38.769	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	2417498	36.856	ng/ul	99
93) Benzo(a)pyrene	24.821	252	2158916	35.269	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	2999462m	38.203	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	2456724	38.071	ng/ul	98
96) Benzo(g,h,i)perylene	29.962	276	2349423	36.650	ng/ul	100

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

