

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020742.D
 Acq On : 02 Jul 2024 08:43
 Operator : MA/JU
 Sample : PB161640BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS640

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 09:10:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	253051	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.505	136	1071080	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.375	164	704183	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1454788	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	988779	20.000	ng/u1	-0.02
88) Perylene-d12	24.986	264	1115586	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	33111	5.619	ng/uL	0.00
4) Pyridine-d5	3.681	84	485463	28.266	ng/u1	0.00
7) Phenol-d5	6.922	99	672833	32.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	392495	29.830	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.281	132	545566	32.163	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	553491	32.835	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	277443	35.085	ng/u1	0.00
24) 2-Nitrophenol-d4	9.605	143	314180	39.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	577886	35.452	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	719805	31.509	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	1715718	35.042	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1920492	32.872	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	291645	38.986	ng/u1	0.01
60) Fluorene-d10	15.387	176	1435459	34.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	275017	37.513	ng/u1	0.01
73) Anthracene-d10	17.286	188	2123516	32.524	ng/u1	0.00
81) Pyrene-d10	19.663	212	2167278	36.485	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	1884832	34.733	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	66641	10.106	ng/uL	97
5) Pyridine	3.699	79	473536	26.618	ng/u1	97
6) Benzaldehyde	6.905	77	378549	36.067	ng/u1	99
8) Phenol	6.952	94	680943	32.173	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.175	93	521806	29.779	ng/u1	98
12) 2-Chlorophenol	7.311	128	544089	31.908	ng/u1	98
13) 2-Methylphenol	8.187	108	512631	31.568	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.258	45	737472	27.694	ng/u1	99
16) Acetophenone	8.563	105	841052	31.243	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.546	70	410229	28.670	ng/u1	99
18) 4-Methylphenol	8.510	108	557699	32.445	ng/u1	100
19) Hexachloroethane	8.799	117	218047	29.456	ng/u1	92
22) Nitrobenzene	8.934	77	625904	30.532	ng/u1	97
23) Isophorone	9.452	82	1184117	29.153	ng/u1	98
25) 2-Nitrophenol	9.640	139	322177	37.699	ng/u1	93
26) 2,4-Dimethylphenol	9.699	107	484063	24.320	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.928	93	722023	29.881	ng/u1	97
29) 2,4-Dichlorophenol	10.163	162	550182	34.100	ng/u1	98
30) Naphthalene	10.557	128	1734613	30.257	ng/u1	100
32) 4-Chloroaniline	10.675	127	639881	29.093	ng/u1	100
33) Hexachlorobutadiene	10.834	225	373293	30.947	ng/u1	99
34) Caprolactam	11.475	113	182660m	37.202	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	621141	34.868	ng/u1	99
36) 2-Methylnaphthalene	12.175	142	1215478	31.651	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1228862	31.302	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.540	216	717299	31.860	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	248343	17.722	ng/ul	98
41) 2,4,6-Trichlorophenol	12.793	196	457614	34.072	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	502217	36.054	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	1623550	30.829	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	1304782	31.457	ng/ul	99
45) 2-Nitroaniline	13.457	65	402945	38.569	ng/ul	89
47) Dimethylphthalate	13.828	163	1676936	33.623	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	352033	39.584	ng/ul	97
50) Acenaphthylene	14.093	152	2026681	30.710	ng/ul	100
51) 3-Nitroaniline	14.287	138	345444	41.793	ng/ul	97
52) Acenaphthene	14.440	153	1348804	30.811	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	175050	37.947	ng/ul	95
55) 4-Nitrophenol	14.616	109	238245	35.588	ng/ul	97
56) Dibenzofuran	14.781	168	1904257	32.281	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	505704	41.195	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.016	232	410696	35.697	ng/ul	97
59) Diethylphthalate	15.216	149	1673451	34.016	ng/ul	99
61) Fluorene	15.445	166	1549644	32.696	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.440	204	821297	33.207	ng/ul	99
63) 4-Nitroaniline	15.469	138	354921	45.244	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.534	198	290279	36.962	ng/ul#	91
67) N-Nitrosodiphenylamine	15.663	169	1367434	31.873	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	537103	33.099	ng/ul	97
69) Hexachlorobenzene	16.463	284	610086	33.586	ng/ul	94
70) Atrazine	16.639	200	272025	17.985	ng/ul	99
71) Pentachlorophenol	16.822	266	325751	31.149	ng/ul	97
72) Phenanthrene	17.228	178	2377130	31.204	ng/ul	100
74) Anthracene	17.322	178	2385125	30.437	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	718937	30.444	ng/uL	97
76) Pentachlorobenzene	14.693	250	703857	31.273	ng/uL	100
77) Carbazole	17.604	167	2107598	32.589	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2929992	34.882	ng/ul	100
80) Fluoranthene	19.310	202	2660549	36.667	ng/ul	99
82) Pyrene	19.692	202	2597667	34.908	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1160880	42.012	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.533	252	721726	33.013	ng/ul	99
85) Benzo(a)anthracene	21.604	228	2258879	32.593	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.545	149	1699173	39.605	ng/ul	99
87) Chrysene	21.674	228	2121638	32.387	ng/ul	98
89) Di-n-octyl phthalate	22.822	149	2637747	36.831	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	2236344	33.090	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	2226322	32.566	ng/ul	99
93) Benzo(a)pyrene	24.833	252	1943544	30.464	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.786	276	2651347m	32.400	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	2160603	32.125	ng/ul	99
96) Benzo(g,h,i)perylene	29.974	276	2054351	30.748	ng/ul	98

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

