

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021279.D
 Acq On : 01 Aug 2024 04:02
 Operator : CG/JU
 Sample : PB162261BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 04:31:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	281108	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1123997	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	717525	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1502974	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1118402	20.000	ng/u1	0.00
88) Perylene-d12	24.833	264	1430638	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	37677	6.099	ng/uL	0.00
4) Pyridine-d5	3.593	84	449028	25.108	ng/u1	0.00
7) Phenol-d5	6.846	99	605711	26.430	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	363692	26.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.181	132	487177	25.801	ng/u1	0.00
15) 4-Methylphenol-d8	8.358	113	475429	24.977	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	237284	27.180	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	271046	27.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	489271	27.079	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	579673	24.217	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1409780	27.028	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1593768	27.212	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	275596	37.136	ng/u1	-0.01
60) Fluorene-d10	15.287	176	1197684	27.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	256061	28.158	ng/u1	0.00
73) Anthracene-d10	17.198	188	1814469	27.181	ng/u1	0.00
81) Pyrene-d10	19.580	212	1856269	26.846	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.610	264	2002624	28.382	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	66742	9.824	ng/uL	98
5) Pyridine	3.611	79	458649	24.864	ng/u1	96
6) Benzaldehyde	6.805	77	305681	26.457	ng/u1	99
8) Phenol	6.875	94	635961	27.423	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	500668	26.134	ng/u1	99
12) 2-Chlorophenol	7.216	128	520064	27.480	ng/u1	98
13) 2-Methylphenol	8.093	108	467748	26.080	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	733495	26.501	ng/u1	98
16) Acetophenone	8.452	105	762026	25.939	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.428	70	384129	24.955	ng/u1	98
18) 4-Methylphenol	8.422	108	501814	26.117	ng/u1	96
19) Hexachloroethane	8.681	117	219276	25.784	ng/u1	98
22) Nitrobenzene	8.828	77	583417	27.897	ng/u1	98
23) Isophorone	9.352	82	1080997	26.001	ng/u1	99
25) 2-Nitrophenol	9.528	139	295493	28.355	ng/u1	99
26) 2,4-Dimethylphenol	9.599	107	443272	21.570	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.822	93	660786	26.147	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	482171	27.078	ng/u1	99
30) Naphthalene	10.446	128	1602486	27.104	ng/u1	99
32) 4-Chloroaniline	10.575	127	539913	23.621	ng/u1	98
33) Hexachlorobutadiene	10.699	225	349266	26.159	ng/u1	97
34) Caprolactam	11.399	113	158745m	28.939	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	534082	27.593	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	1059964	26.118	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	1078164	25.830	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	642179	27.559	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	141388	11.599	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	358487	24.347	ng/ul	98
42) 2,4,5-Trichlorophenol	12.787	196	400387	25.701	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	1424818	27.172	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	1121547	26.791	ng/ul	99
45) 2-Nitroaniline	13.375	65	357344	30.868	ng/ul	94
47) Dimethylphthalate	13.728	163	1457027	27.530	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	303153	28.650	ng/ul	100
50) Acenaphthylene	13.987	152	1774884	26.765	ng/ul	100
51) 3-Nitroaniline	14.222	138	292984	31.819	ng/ul	97
52) Acenaphthene	14.334	153	1179913	26.808	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	146670	26.395	ng/ul	99
55) 4-Nitrophenol	14.592	109	195412	32.370	ng/ul#	83
56) Dibenzofuran	14.681	168	1656664	27.487	ng/ul	97
57) 2,4-Dinitrotoluene	14.687	165	443209	30.513	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.928	232	296833	22.251	ng/ul	100
59) Diethylphthalate	15.116	149	1467849	27.751	ng/ul	100
61) Fluorene	15.345	166	1349310	27.434	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	715493	26.809	ng/ul	97
63) 4-Nitroaniline	15.410	138	282161	37.004	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.469	198	270223	28.021	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	1181525	26.996	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	467147	26.517	ng/ul	98
69) Hexachlorobenzene	16.369	284	549020	27.180	ng/ul	98
70) Atrazine	16.557	200	48901	3.066	ng/ul	98
71) Pentachlorophenol	16.751	266	199293	18.166	ng/ul	99
72) Phenanthrene	17.139	178	2174885	27.894	ng/ul	99
74) Anthracene	17.234	178	2156802	27.134	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	630950	26.228	ng/ul	99
76) Pentachlorobenzene	14.592	250	618443	25.872	ng/ul	99
77) Carbazole	17.539	167	1982750	30.515	ng/ul	100
78) Di-n-butylphthalate	18.092	149	2551250	28.459	ng/ul	100
80) Fluoranthene	19.233	202	2243014	26.862	ng/ul	97
82) Pyrene	19.610	202	2255114	26.540	ng/ul	97
83) Butylbenzylphthalate	20.557	149	918603	25.947	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	735302	28.772	ng/ul	99
85) Benzo(a)anthracene	21.522	228	2151231	27.459	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1322080	25.950	ng/ul#	98
87) Chrysene	21.586	228	2200400	30.226	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	2578645	27.285	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	2389419	27.522	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	2411981	27.838	ng/ul	99
93) Benzo(a)pyrene	24.692	252	2183778	26.618	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.592	276	3002804	28.404	ng/ul	99
95) Dibenzo(a,h)anthracene	28.645	278	2474512	28.266	ng/ul	99
96) Benzo(g,h,i)perylene	29.756	276	2377698	27.616	ng/ul	98

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

