

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021754.D
 Acq On : 30 Aug 2024 15:34
 Operator : RC/JU
 Sample : PB163042BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS042

Quant Time: Aug 30 16:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	361084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1465184	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	948843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2014304	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	1965267	20.000	ng/u1	0.02
88) Perylene-d12	25.110	264	2219629	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	55778	5.128	ng/uL	0.00
4) Pyridine-d5	3.687	84	696788	22.149	ng/u1	0.00
7) Phenol-d5	6.958	99	929990	24.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	500875	23.884	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	606699	24.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	702788	23.601	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	307040	26.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	330557	27.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	604698	25.645	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	743975	21.687	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1831594	25.228	ng/u1	-0.01
49) Acenaphthylene-d8	14.116	160	2054958	25.210	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	352550	25.523	ng/u1	0.01
60) Fluorene-d10	15.434	176	1553921	25.458	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	294082	26.545	ng/u1	0.00
73) Anthracene-d10	17.333	188	2364071	24.730	ng/u1	0.00
81) Pyrene-d10	19.710	212	2972942	26.463	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.880	264	3016987	25.490	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	99572	8.614	ng/uL	96
5) Pyridine	3.705	79	693744	22.069	ng/u1	99
6) Benzaldehyde	6.928	77	410241	20.814	ng/u1	100
8) Phenol	6.987	94	948563	23.607	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	749447	23.996	ng/u1	99
12) 2-Chlorophenol	7.358	128	644828	24.695	ng/u1	99
13) 2-Methylphenol	8.228	108	683884	23.593	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	718380	23.830	ng/u1	99
16) Acetophenone	8.599	105	1129833	23.667	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.587	70	522705	23.202	ng/u1	98
18) 4-Methylphenol	8.557	108	747329	23.550	ng/u1	98
19) Hexachloroethane	8.863	117	291113	24.933	ng/u1	97
22) Nitrobenzene	8.975	77	811784	24.697	ng/u1	98
23) Isophorone	9.504	82	1594496	24.174	ng/u1	100
25) 2-Nitrophenol	9.681	139	357180	26.942	ng/u1	95
26) 2,4-Dimethylphenol	9.752	107	650922	20.005	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.981	93	1011681	24.457	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	588130	24.822	ng/u1	98
30) Naphthalene	10.622	128	2018597	24.445	ng/u1	100
32) 4-Chloroaniline	10.728	127	691390	19.963	ng/u1	98
33) Hexachlorobutadiene	10.910	225	384855	24.208	ng/u1	99
34) Caprolactam	11.504	113	236629	23.617	ng/u1	95
35) 4-Chloro-3-methylphenol	11.863	107	799926	25.507	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	1363175	24.406	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1343023	23.906	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	735671	24.600	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	335466	19.549	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	431176	22.393	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	494050	23.763	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1776187	24.742	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	1394867	24.782	ng/ul	100
45) 2-Nitroaniline	13.492	65	474350	26.901	ng/ul	97
47) Dimethylphthalate	13.875	163	1832980	25.213	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	371530	27.711	ng/ul	99
50) Acenaphthylene	14.145	152	2262230	25.805	ng/ul	99
51) 3-Nitroaniline	14.322	138	390692	26.666	ng/ul	99
52) Acenaphthene	14.492	153	1502465	24.370	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	197475	24.602	ng/ul	97
55) 4-Nitrophenol	14.651	109	325364	25.726	ng/ul	96
56) Dibenzofuran	14.834	168	2101595	24.640	ng/ul	100
57) 2,4-Dinitrotoluene	14.792	165	559817	27.786	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	363187	20.275	ng/ul	97
59) Diethylphthalate	15.263	149	1856409	25.429	ng/ul	99
61) Fluorene	15.486	166	1714475	24.852	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	860625	24.827	ng/ul	99
63) 4-Nitroaniline	15.504	138	420093	29.668	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	320132	25.832	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	1488911	25.127	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	562701	25.305	ng/ul	98
69) Hexachlorobenzene	16.528	284	658105	24.929	ng/ul	99
70) Atrazine	16.681	200	21154	0.941	ng/ul	98
71) Pentachlorophenol	16.875	266	307961	18.228	ng/ul	99
72) Phenanthrene	17.275	178	2807292	25.386	ng/ul	98
74) Anthracene	17.375	178	2775916	24.778	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	738437	24.658	ng/ul	96
76) Pentachlorobenzene	14.751	250	735338	23.690	ng/ul	99
77) Carbazole	17.651	167	2625468	26.056	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3348512	27.301	ng/ul	100
80) Fluoranthene	19.363	202	3475086	26.508	ng/ul	100
82) Pyrene	19.739	202	3601714	25.940	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1624490	28.576	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.592	252	1229526	24.826	ng/ul	99
85) Benzo(a)anthracene	21.674	228	3618117	25.881	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.621	149	2380089	28.366	ng/ul	99
87) Chrysene	21.745	228	3398827	25.833	ng/ul	100
89) Di-n-octyl phthalate	22.921	149	4126300	29.369	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	3563690	25.659	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	3609247	26.545	ng/ul	98
93) Benzo(a)pyrene	24.957	252	3199113	25.002	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.980	276	4185783	25.371	ng/ul	99
95) Dibenzo(a,h)anthracene	29.056	278	3396718	25.622	ng/ul	98
96) Benzo(g,h,i)perylene	30.174	276	3350999	26.288	ng/ul	98

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

