

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022707.D
 Acq On : 29 Oct 2024 09:46
 Operator : RC/JU
 Sample : PB164433BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS433

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 29 11:22:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 29 04:53:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	83923	20.000	ng/u1	0.00
20) Naphthalene-d8	10.398	136	326121	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	266487	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.068	188	698052	20.000	ng/u1	0.00
79) Chrysene-d12	21.504	240	817241	20.000	ng/u1	0.02
88) Perylene-d12	24.745	264	980643	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	9964	4.614	ng/uL	0.00
4) Pyridine-d5	3.593	84	141253	23.825	ng/u1	0.00
7) Phenol-d5	6.840	99	174017	24.633	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	97119	23.391	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	130934	26.121	ng/u1	0.00
15) 4-Methylphenol-d8	8.351	113	138481	24.563	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	64005	25.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	75094	25.867	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	161769	26.218	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	161817	22.195	ng/u1	0.00
46) Dimethylphthalate-d6	13.680	166	508215	24.003	ng/u1	0.02
49) Acenaphthylene-d8	13.957	160	559223	24.867	ng/u1	0.01
54) 4-Nitrophenol-d4	14.492	143	86240	24.279	ng/u1	-0.02
60) Fluorene-d10	15.274	176	468797	25.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	105963	23.081	ng/u1	0.02
73) Anthracene-d10	17.168	188	825824	25.148	ng/u1	0.00
81) Pyrene-d10	19.539	212	1083787	25.078	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.515	264	1336413	25.518	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	20522	8.838	ng/uL	98
5) Pyridine	3.610	79	144809	23.821	ng/u1	95
6) Benzaldehyde	6.810	77	14946	3.915	ng/u1	95
8) Phenol	6.869	94	184783	25.141	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.081	93	129624	23.565	ng/u1	99
12) 2-Chlorophenol	7.222	128	136327	26.300	ng/u1	98
13) 2-Methylphenol	8.087	108	132155	24.776	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.151	45	149180	23.335	ng/u1	98
16) Acetophenone	8.457	105	218619	23.489	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.440	70	116560	24.718	ng/u1	98
18) 4-Methylphenol	8.416	108	147927	24.999	ng/u1	95
19) Hexachloroethane	8.704	117	59326	24.575	ng/u1	97
22) Nitrobenzene	8.828	77	183993	24.582	ng/u1	97
23) Isophorone	9.351	82	315746	23.528	ng/u1	98
25) 2-Nitrophenol	9.528	139	80520	25.736	ng/u1	98
26) 2,4-Dimethylphenol	9.592	107	167794	24.674	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.816	93	178261	23.394	ng/u1	100
29) 2,4-Dichlorophenol	10.057	162	162247	26.702	ng/u1	98
30) Naphthalene	10.445	128	426227	24.538	ng/u1	98
32) 4-Chloroaniline	10.569	127	97267	13.515	ng/u1	99
33) Hexachlorobutadiene	10.728	225	131307	25.640	ng/u1	99
34) Caprolactam	11.351	113	46820m	23.901	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	178527	26.929	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	321214	25.192	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.286	142	317134	24.368	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.433	216	241315	24.490	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	90939	15.148	ng/ul	99
41) 2,4,6-Trichlorophenol	12.692	196	161037	25.982	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	175717	26.625	ng/ul	96
43) 1,1'-Biphenyl	13.080	154	474572	24.707	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	385597	24.523	ng/ul	99
45) 2-Nitroaniline	13.345	65	119432	25.437	ng/ul	96
47) Dimethylphthalate	13.727	163	513093	24.320	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	105920	26.542	ng/ul	99
50) Acenaphthylene	13.986	152	574540	24.617	ng/ul	98
51) 3-Nitroaniline	14.174	138	91844	24.504	ng/ul	99
52) Acenaphthene	14.327	153	416469	25.235	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	64845	22.085	ng/ul	90
55) 4-Nitrophenol	14.510	109	103728	26.311	ng/ul	92
56) Dibenzofuran	14.674	168	629709	25.401	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	169262	27.296	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.910	232	167158	27.136	ng/ul	99
59) Diethylphthalate	15.104	149	517736	25.578	ng/ul	99
61) Fluorene	15.333	166	512180	25.356	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.327	204	294132	25.463	ng/ul	99
63) 4-Nitroaniline	15.374	138	113734m	30.156	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.433	198	113343	22.920	ng/ul	95
67) N-Nitrosodiphenylamine	15.539	169	457579	24.478	ng/ul	100
68) 4-Bromophenyl-phenylether	16.227	248	215163	25.560	ng/ul	97
69) Hexachlorobenzene	16.357	284	266623	25.732	ng/ul	97
70) Atrazine	16.516	200	192755	24.807	ng/ul	97
71) Pentachlorophenol	16.721	266	174688	26.220	ng/ul	97
72) Phenanthrene	17.121	178	913907	24.471	ng/ul	99
74) Anthracene	17.204	178	934935	25.086	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	246259	23.169	ng/uL	99
76) Pentachlorobenzene	14.586	250	272022	23.151	ng/uL	100
77) Carbazole	17.492	167	827464	25.092	ng/ul	99
78) Di-n-butylphthalate	18.074	149	923082	25.298	ng/ul	100
80) Fluoranthene	19.192	202	1263098	25.423	ng/ul	98
82) Pyrene	19.574	202	1345143	25.261	ng/ul	98
83) Butylbenzylphthalate	20.527	149	469417	25.319	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	482375	24.761	ng/ul	98
85) Benzo(a)anthracene	21.480	228	1439756	25.130	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	660312	24.813	ng/ul	99
87) Chrysene	21.545	228	1343284	25.286	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1139766	24.435	ng/ul	100
90) Benzo(b)fluoranthene	23.715	252	1592536	25.799	ng/ul	98
91) Benzo(k)fluoranthene	23.786	252	1530052	25.317	ng/ul	99
93) Benzo(a)pyrene	24.592	252	1427827	25.133	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.421	276	1909339m	25.185	ng/ul	
95) Dibenzo(a,h)anthracene	28.497	278	1520609	24.769	ng/ul#	97
96) Benzo(g,h,i)perylene	29.568	276	1479255	25.086	ng/ul	99

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

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