

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023532.D
 Acq On : 19 Dec 2024 18:00
 Operator : RC/JU
 Sample : P5265-20MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E28Y9MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 22:35:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	262406	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.263	136	953500	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.134	164	702420	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1551158	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.363	240	1577160	20.000	ng/u1	#-0.02
88) Perylene-d12	24.527	264	1643795	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	22126	3.104	ng/uL	-0.01
4) Pyridine-d5	3.505	84	298627	16.294	ng/u1	-0.01
7) Phenol-d5	6.734	99	452898	21.997	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.875	67	285816	22.003	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.075	132	319263	21.010	ng/u1	-0.01
15) 4-Methylphenol-d8	8.240	113	365280	21.982	ng/u1	-0.02
21) Nitrobenzene-d5	8.669	128	170759	23.983	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.375	143	194958	23.758	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.916	165	377307	21.785	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.422	131	351266	18.104	ng/u1	-0.02
46) Dimethylphthalate-d6	13.534	166	1165074	21.366	ng/u1	-0.02
49) Acenaphthylene-d8	13.822	160	1136140	19.753	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.422	143	132571	19.840	ng/u1	0.01
60) Fluorene-d10	15.145	176	831301	17.332	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.310	200	153026	16.323	ng/u1	0.00
73) Anthracene-d10	17.045	188	1307953	18.476	ng/u1	0.00
81) Pyrene-d10	19.416	212	1485597	18.029	ng/u1	-0.03
92) Benzo(a)pyrene-d12	24.316	264	1327007	15.080	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	45484	5.767	ng/uL	98
5) Pyridine	3.522	79	290012	15.491	ng/u1	95
6) Benzaldehyde	6.711	77	23744	2.017	ng/u1	99
8) Phenol	6.763	94	465682	21.726	ng/u1#	86
10) Bis(2-Chloroethyl)ether	6.963	93	354052	20.925	ng/u1	99
12) 2-Chlorophenol	7.105	128	305049	19.149	ng/u1	98
13) 2-Methylphenol	7.975	108	357603	22.496	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.028	45	477767	23.220	ng/u1	98
16) Acetophenone	8.340	105	578986	20.702	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.316	70	318597	20.906	ng/u1	92
18) 4-Methylphenol	8.305	108	382782	22.310	ng/u1	95
19) Hexachloroethane	8.563	117	124656	16.071	ng/u1	91
22) Nitrobenzene	8.710	77	471200	21.749	ng/u1	99
23) Isophorone	9.222	82	868591	22.635	ng/u1	98
25) 2-Nitrophenol	9.405	139	193175	22.038	ng/u1#	80
26) 2,4-Dimethylphenol	9.481	107	390745	20.131	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.693	93	500589	23.089	ng/u1	99
29) 2,4-Dichlorophenol	9.946	162	353646	20.603	ng/u1	99
30) Naphthalene	10.310	128	960791	19.248	ng/u1	99
32) 4-Chloroaniline	10.446	127	240855	12.802	ng/u1	98
33) Hexachlorobutadiene	10.581	225	203278	13.351	ng/u1	98
34) Caprolactam	11.234	113	92630m	18.495	ng/u1	
35) 4-Chloro-3-methylphenol	11.587	107	396174	21.256	ng/u1	90
36) 2-Methylnaphthalene	11.928	142	671677	18.146	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.140	142	675779	17.915	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.304	216	422224	16.472	ng/ul	99
40) Hexachlorocyclopentadiene	12.269	237	92133	7.481	ng/ul	94
41) 2,4,6-Trichlorophenol	12.563	196	318382	20.989	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	334837	20.660	ng/ul	99
43) 1,1'-Biphenyl	12.951	154	919379	18.473	ng/ul	98
44) 2-Chloronaphthalene	12.998	162	737171	18.312	ng/ul	97
45) 2-Nitroaniline	13.228	65	261460	22.417	ng/ul	92
47) Dimethylphthalate	13.581	163	1086735	20.232	ng/ul	99
48) 2,6-Dinitrotoluene	13.734	165	216342	21.020	ng/ul	87
50) Acenaphthylene	13.851	152	1128523	19.267	ng/ul	99
51) 3-Nitroaniline	14.081	138	187654	21.754	ng/ul	100
52) Acenaphthene	14.198	153	787518	18.395	ng/ul	99
53) 2,4-Dinitrophenol	14.334	184	13485m	2.032	ng/ul	
55) 4-Nitrophenol	14.445	109	141714	15.742	ng/ul#	78
56) Dibenzofuran	14.545	168	1154799	17.761	ng/ul	94
57) 2,4-Dinitrotoluene	14.545	165	317013	19.114	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.792	232	279676	17.382	ng/ul#	95
59) Diethylphthalate	14.969	149	1022296	19.083	ng/ul	100
61) Fluorene	15.204	166	925429	17.481	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.192	204	479453	15.615	ng/ul	98
63) 4-Nitroaniline	15.263	138	181579	23.933	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.322	198	147621	14.844	ng/ul	97
67) N-Nitrosodiphenylamine	15.410	169	851226	21.489	ng/ul	99
68) 4-Bromophenyl-phenylether	16.098	248	301272	16.453	ng/ul	97
69) Hexachlorobenzene	16.222	284	342609	15.272	ng/ul	96
70) Atrazine	16.398	200	372918	21.636	ng/ul	98
71) Pentachlorophenol	16.604	266	171489	13.097	ng/ul	94
72) Phenanthrene	16.986	178	1601648	19.973	ng/ul	99
74) Anthracene	17.075	178	1524949	19.018	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.910	216	429343	19.202	ng/ul	98
76) Pentachlorobenzene	14.457	250	415567	16.862	ng/ul	99
77) Carbazole	17.375	167	1510851	23.127	ng/ul	99
78) Di-n-butylphthalate	17.939	149	1593655	19.854	ng/ul#	98
80) Fluoranthene	19.075	202	2011741	21.306	ng/ul#	93
82) Pyrene	19.451	202	2028770	20.248	ng/ul#	90
83) Butylbenzylphthalate	20.404	149	744103	21.443	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.275	252	427021	11.799	ng/ul#	99
85) Benzo(a)anthracene	21.345	228	1897242	17.939	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.263	149	1041084	20.891	ng/ul	98
87) Chrysene	21.404	228	1779251	17.555	ng/ul	100
89) Di-n-octyl phthalate	22.463	149	1764426	21.978	ng/ul	100
90) Benzo(b)fluoranthene	23.527	252	1834765	17.765	ng/ul#	98
91) Benzo(k)fluoranthene	23.598	252	1749150	17.022	ng/ul#	98
93) Benzo(a)pyrene	24.380	252	1625281	17.356	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.104	276	1969025m	16.363	ng/ul	
95) Dibenzo(a,h)anthracene	28.162	278	1543202	16.024	ng/ul#	96
96) Benzo(g,h,i)perylene	29.239	276	1511961m	16.410	ng/ul	

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

