

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
 Data File : BP022847.D
 Acq On : 05 Nov 2024 05:09
 Operator : RC/JU
 Sample : P4568-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EF5MS

Quant Time: Nov 05 05:42:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 10:56:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	89692	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	345184	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	287898	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.051	188	681632	20.000	ng/ul	-0.01
79) Chrysene-d12	21.486	240	697917	20.000	ng/ul	-0.01
88) Perylene-d12	24.733	264	804674	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	6210	2.691	ng/uL	0.00
4) Pyridine-d5	3.587	84	91141	14.384	ng/ul	0.00
7) Phenol-d5	6.822	99	133725	17.712	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.975	67	74933	16.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	103526	19.324	ng/ul	-0.01
15) 4-Methylphenol-d8	8.340	113	115392	19.151	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	50650	19.084	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	61856	20.130	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.016	165	143054	21.904	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.522	131	136255	17.656	ng/ul	-0.02
46) Dimethylphthalate-d6	13.651	166	449881	19.668	ng/ul	-0.01
49) Acenaphthylene-d8	13.934	160	487682	20.073	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.493	143	54655	14.243	ng/ul	-0.02
60) Fluorene-d10	15.257	176	409434	20.636	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.393	200	75645	16.874	ng/ul	-0.01
73) Anthracene-d10	17.151	188	676269	21.090	ng/ul	-0.02
81) Pyrene-d10	19.534	212	825929	22.379	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.516	264	929603	21.632	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	24723	9.962	ng/uL	97
5) Pyridine	3.605	79	179226	27.587	ng/ul	97
6) Benzaldehyde	6.793	77	17548	4.301	ng/ul	99
8) Phenol	6.852	94	261191	33.251	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.064	93	181618	30.894	ng/ul	97
12) 2-Chlorophenol	7.205	128	186883	33.735	ng/ul	96
13) 2-Methylphenol	8.069	108	185550	32.549	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	208140	30.464	ng/ul	96
16) Acetophenone	8.440	105	312808	31.447	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.422	70	161856	32.116	ng/ul	99
18) 4-Methylphenol	8.399	108	207611	32.829	ng/ul	95
19) Hexachloroethane	8.681	117	83758	32.464	ng/ul	98
22) Nitrobenzene	8.811	77	251719	31.773	ng/ul	98
23) Isophorone	9.328	82	451722	31.801	ng/ul	97
25) 2-Nitrophenol	9.511	139	113542	34.286	ng/ul	96
26) 2,4-Dimethylphenol	9.569	107	242729	33.722	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.805	93	254707	31.580	ng/ul	97
29) 2,4-Dichlorophenol	10.046	162	231781	36.039	ng/ul	98
30) Naphthalene	10.434	128	617623	33.593	ng/ul	98
32) 4-Chloroaniline	10.546	127	147301	19.337	ng/ul	98
33) Hexachlorobutadiene	10.705	225	190977	35.232	ng/ul	98
34) Caprolactam	11.334	113	65927m	31.796	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	249084	35.497	ng/ul	99
36) 2-Methylnaphthalene	12.040	142	465250	34.474	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	455022	33.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	353059	33.166	ng/ul	96
40) Hexachlorocyclopentadiene	12.387	237	120317	18.551	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	228601	34.140	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	252989	35.483	ng/ul	96
43) 1,1'-Biphenyl	13.069	154	682393	32.884	ng/ul	99
44) 2-Chloronaphthalene	13.104	162	560012	32.966	ng/ul	98
45) 2-Nitroaniline	13.322	65	161272	31.794	ng/ul	95
47) Dimethylphthalate	13.693	163	727237	31.906	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	152921	35.470	ng/ul	94
50) Acenaphthylene	13.957	152	807700	32.033	ng/ul	100
51) 3-Nitroaniline	14.169	138	128464	31.726	ng/ul	99
52) Acenaphthene	14.304	153	589287	33.051	ng/ul	98
53) 2,4-Dinitrophenol	14.375	184	86892	27.393	ng/ul	95
55) 4-Nitrophenol	14.510	109	131516	30.879	ng/ul	88
56) Dibenzofuran	14.646	168	893745	33.370	ng/ul	99
57) 2,4-Dinitrotoluene	14.634	165	232084	34.643	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.893	232	233722	35.120	ng/ul	98
59) Diethylphthalate	15.087	149	724699	33.141	ng/ul	99
61) Fluorene	15.316	166	719550	32.973	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	424688	34.031	ng/ul	98
63) 4-Nitroaniline	15.345	138	142313m	34.927	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	143646	29.748	ng/ul	99
67) N-Nitrosodiphenylamine	15.540	169	608511	33.336	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	297139	36.149	ng/ul	97
69) Hexachlorobenzene	16.345	284	370165	36.585	ng/ul	98
70) Atrazine	16.504	200	267103	35.203	ng/ul	94
71) Pentachlorophenol	16.704	266	230497	35.430	ng/ul	96
72) Phenanthrene	17.098	178	1266827	34.738	ng/ul	99
74) Anthracene	17.181	178	1219201	33.501	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	355821	34.284	ng/uL	98
76) Pentachlorobenzene	14.581	250	394275	34.365	ng/uL	99
77) Carbazole	17.475	167	1050194	32.613	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1214752	34.093	ng/ul	100
80) Fluoranthene	19.192	202	1638518	38.618	ng/ul	97
82) Pyrene	19.569	202	1701859	37.424	ng/ul	97
83) Butylbenzylphthalate	20.510	149	560014	35.370	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	486543	29.245	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1639628	33.512	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	790204	34.770	ng/ul	98
87) Chrysene	21.528	228	1555519	34.288	ng/ul	100
89) Di-n-octyl phthalate	22.627	149	1312293	34.286	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	1809978	35.734	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	1714244	34.568	ng/ul#	99
93) Benzo(a)pyrene	24.586	252	1592186	34.155	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.433	276	2155206m	34.645	ng/ul	
95) Dibenzo(a,h)anthracene	28.474	278	1696662m	33.681	ng/ul	
96) Benzo(g,h,i)perylene	29.568	276	1620219m	33.485	ng/ul	

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

