

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
 Data File : BM044955.D
 Acq On : 05 Apr 2024 19:08
 Operator : MA/JU
 Sample : SST000506
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0005027

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 00:43:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	284979	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	187465	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	415537	20.000	ng/ul	0.00
79) Chrysene-d12	21.256	240	452101	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	568128	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	4233m	2.059	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.169	132	20044	3.805	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.798	128	9760	4.067	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	8661	3.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	17467	3.967	ng/ul	0.01
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.710	166	59179	4.024	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	67851	4.034	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.286	176	53507	4.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.145	188	82564	4.157	ng/ul	0.00
81) Pyrene-d10	19.451	212	100963	3.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.333	264	124476	4.168	ng/ul	0.00
Target Compounds						
				Qvalue		
2) 1,4-Dioxane	3.246	88	3787m	1.779	ng/uL	
12) 2-Chlorophenol	7.204	128	21344	3.928	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.445	70	15284	3.388	ng/ul#	90
19) Hexachloroethane	8.692	117	9685	4.351	ng/ul#	92
22) Nitrobenzene	8.839	77	23301	4.094	ng/ul	90
23) Isophorone	9.363	82	44365	3.821	ng/ul	95
25) 2-Nitrophenol	9.545	139	10311	3.656	ng/ul	90
26) 2,4-Dimethylphenol	9.604	107	22467	4.378	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.851	93	25777	3.530	ng/ul	98
29) 2,4-Dichlorophenol	10.075	162	18344	4.173	ng/ul	96
30) Naphthalene	10.463	128	71281	4.416	ng/ul	99
33) Hexachlorobutadiene	10.728	225	12459	5.057	ng/ul	92
35) 4-Chloro-3-methylphenol	11.728	107	17979	3.527	ng/ul	96
36) 2-Methylnaphthalene	12.086	142	45759	4.263	ng/ul	93
37) 1-Methylnaphthalene	12.304	142	46805	4.421	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	23928	4.487	ng/ul	96
41) 2,4,6-Trichlorophenol	12.710	196	13561	3.627	ng/ul	91
42) 2,4,5-Trichlorophenol	12.786	196	15240	3.804	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	61782	4.150	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	48244	4.130	ng/ul	98
45) 2-Nitroaniline	13.386	65	11730m	3.198	ng/ul	
47) Dimethylphthalate	13.757	163	64249	4.294	ng/ul	100
48) 2,6-Dinitrotoluene	13.886	165	10739	3.593	ng/ul#	83
50) Acenaphthylene	14.004	152	80360	4.100	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.351	153	54803	4.253	ng/ul	96
56) Dibenzofuran	14.692	168	76343	4.454	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	15518	3.597	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.921	232	12804	3.862	ng/ul	93
59) Diethylphthalate	15.133	149	62759	4.041	ng/ul	97
61) Fluorene	15.339	166	63870	4.556	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.345	204	29566	4.544	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	49865	3.984	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	19131	4.603	ng/ul	95
69) Hexachlorobenzene	16.339	284	25216	5.326	ng/ul	99
72) Phenanthrene	17.086	178	103090	4.373	ng/ul	99
74) Anthracene	17.180	178	103706	4.350	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.069	216	24226	4.365	ng/uL	94
76) Pentachlorobenzene	14.598	250	25658	4.782	ng/uL	92
78) Di-n-butylphthalate	18.033	149	102496	3.402	ng/ul	99
80) Fluoranthene	19.115	202	121320	3.674	ng/ul	100
82) Pyrene	19.480	202	131292	3.819	ng/ul	98
83) Butylbenzylphthalate	20.403	149	49127	2.906	ng/ul	97
85) Benzo(a)anthracene	21.239	228	140513	4.139	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	71304	2.893	ng/ul	100
87) Chrysene	21.292	228	134110	4.267	ng/ul	99
90) Benzo(b)fluoranthene	22.815	252	146791	3.861	ng/ul	97
91) Benzo(k)fluoranthene	22.856	252	153175	4.114	ng/ul	100
93) Benzo(a)pyrene	23.380	252	143096	4.024	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.715	276	186813	4.684	ng/ul	98
95) Dibenzo(a,h)anthracene	25.733	278	156605	4.709	ng/ul	98
96) Benzo(g,h,i)perylene	26.403	276	151334	4.755	ng/ul	97

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

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