

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121124\
 Data File : BM048956.D
 Acq On : 11 Dec 2024 16:23
 Operator : RC/JU
 Sample : SSTD00560
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005048

Quant Time: Dec 12 00:40:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:21:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	153230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	579003	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	332981	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.956	188	606715	20.000	ng/u1	0.00
79) Chrysene-d12	21.186	240	526640	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	542977	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	8628	2.245	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.110	132	40291	4.170	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.716	128	16861	4.018	ng/u1	0.00
24) 2-Nitrophenol-d4	9.433	143	13872	3.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	32852	3.962	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.627	166	105661	4.971	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	120571	4.811	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.204	176	89136	4.804	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.056	188	127357	4.960	ng/u1	0.00
81) Pyrene-d10	19.356	212	129684	4.907	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	109331	4.310	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	9461	2.243	ng/uL	93
12) 2-Chlorophenol	7.139	128	44970	4.492	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.375	70	32902	4.897	ng/u1	95
19) Hexachloroethane	8.639	117	20164	4.767	ng/u1	90
22) Nitrobenzene	8.757	77	49379	5.189	ng/u1	98
23) Isophorone	9.286	82	85158	4.838	ng/u1	98
25) 2-Nitrophenol	9.463	139	17349	3.566	ng/u1	94
26) 2,4-Dimethylphenol	9.533	107	39164	4.310	ng/u1	92
27) Bis(2-Chloroethoxy)met...	9.769	93	56725	5.163	ng/u1	97
29) 2,4-Dichlorophenol	9.992	162	36109	4.293	ng/u1	91
30) Naphthalene	10.386	128	146405	4.996	ng/u1	97
33) Hexachlorobutadiene	10.686	225	25655	4.507	ng/u1	99
35) 4-Chloro-3-methylphenol	11.633	107	31869m	3.916	ng/u1	
36) 2-Methylnaphthalene	12.010	142	88284	4.708	ng/u1	98
37) 1-Methylnaphthalene	12.233	142	89316	4.641	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.380	216	45168	4.734	ng/u1	95
41) 2,4,6-Trichlorophenol	12.633	196	21803	3.617	ng/u1	97
42) 2,4,5-Trichlorophenol	12.698	196	26074	4.062	ng/u1	93
43) 1,1'-Biphenyl	13.039	154	117668	5.168	ng/u1	98
44) 2-Chloronaphthalene	13.074	162	93161	5.185	ng/u1	97
45) 2-Nitroaniline	13.280	65	17727	3.929	ng/u1	95
47) Dimethylphthalate	13.674	163	106257	4.977	ng/u1	99
48) 2,6-Dinitrotoluene	13.786	165	13793	3.389	ng/u1	96
50) Acenaphthylene	13.927	152	135557	4.907	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.274	153	100109	5.148	ng/ul	98
56) Dibenzofuran	14.610	168	139043	5.183	ng/ul	94
57) 2,4-Dinitrotoluene	14.580	165	19888	3.361	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	14.839	232	17601	3.297	ng/ul	94
59) Diethylphthalate	15.051	149	96692	4.596	ng/ul	100
61) Fluorene	15.262	166	107422	5.057	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.268	204	49006	4.683	ng/ul	98
67) N-Nitrosodiphenylamine	15.480	169	81537	5.099	ng/ul	98
68) 4-Bromophenyl-phenylether	16.162	248	25631	4.479	ng/ul	93
69) Hexachlorobenzene	16.268	284	31531	4.566	ng/ul	97
72) Phenanthrene	16.998	178	161458	5.366	ng/ul	99
74) Anthracene	17.086	178	156005	5.166	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.998	216	43026	4.971	ng/uL	99
76) Pentachlorobenzene	14.533	250	42855	5.082	ng/uL	92
78) Di-n-butylphthalate	17.950	149	128985	4.033	ng/ul	100
80) Fluoranthene	19.021	202	160261	5.226	ng/ul	98
82) Pyrene	19.386	202	177204	5.329	ng/ul	99
83) Butylbenzylphthalate	20.315	149	44126	3.455	ng/ul	95
85) Benzo(a)anthracene	21.168	228	155227	4.676	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	60872	3.267	ng/ul	97
87) Chrysene	21.221	228	150258	4.710	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	141015	4.718	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	137184	4.603	ng/ul	100
93) Benzo(a)pyrene	23.862	252	128905	4.587	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.115	276	163964m	4.490	ng/ul	
95) Dibenzo(a,h)anthracene	27.179	278	133112m	4.462	ng/ul	
96) Benzo(g,h,i)perylene	28.085	276	128900	4.501	ng/ul	96

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

