

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
 Data File : BM046956.D
 Acq On : 03 Aug 2024 08:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020124

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 01:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.398	152	119697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	472173	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.057	164	318982	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	705410	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	678622	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	839083	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	22451	7.431	ng/uL	0.00
4) Pyridine-d5	3.410	84	160609	19.489	ng/u1	0.00
7) Phenol-d5	6.604	99	187978	20.673	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	123952	20.718	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	153512	19.931	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	148489	20.615	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	76451	20.178	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	82731	19.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	161133	20.283	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	214340	20.529	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	491657	20.158	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	559121	20.537	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	92416	19.597	ng/u1	0.00
60) Fluorene-d10	15.063	176	427721	20.501	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	85613	19.210	ng/u1	0.00
73) Anthracene-d10	16.915	188	683027	20.425	ng/u1	0.00
81) Pyrene-d10	19.233	212	785182	20.212	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.591	264	901488	20.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	24173	7.190	ng/uL	96
5) Pyridine	3.428	79	164702	20.187	ng/u1	97
6) Benzaldehyde	6.563	77	118462	22.682	ng/u1	97
8) Phenol	6.628	94	193437	21.124	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.845	93	160861	20.610	ng/u1	94
12) 2-Chlorophenol	6.975	128	158891	20.362	ng/u1	98
13) 2-Methylphenol	7.857	108	145217	20.818	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	7.928	45	197683	21.136	ng/u1	98
16) Acetophenone	8.216	105	241966	21.342	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.210	70	127200	21.276	ng/u1	99
18) 4-Methylphenol	8.181	108	158693	21.056	ng/u1	99
19) Hexachloroethane	8.457	117	77275	20.330	ng/u1	98
22) Nitrobenzene	8.586	77	204534	20.205	ng/u1	97
23) Isophorone	9.116	82	351203	20.276	ng/u1	100
25) 2-Nitrophenol	9.292	139	93626	20.685	ng/u1	98
26) 2,4-Dimethylphenol	9.369	107	180529	20.234	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.598	93	215433	20.176	ng/u1	97
29) 2,4-Dichlorophenol	9.822	162	161215	20.347	ng/u1	97
30) Naphthalene	10.210	128	509544	20.382	ng/u1	99
32) 4-Chloroaniline	10.333	127	209951	20.707	ng/u1	99
33) Hexachlorobutadiene	10.498	225	111848	19.567	ng/u1	98
34) Caprolactam	11.116	113	48210m	20.093	ng/u1	
35) 4-Chloro-3-methylphenol	11.475	107	169867	20.791	ng/u1	99
36) 2-Methylnaphthalene	11.839	142	361231	20.694	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	365239	20.669	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.216	216	200745	20.067	ng/ul	98
40) Hexachlorocyclopentadiene	12.198	237	122528	18.593	ng/ul	98
41) 2,4,6-Trichlorophenol	12.474	196	132736	20.271	ng/ul	98
42) 2,4,5-Trichlorophenol	12.545	196	143627	20.316	ng/ul	98
43) 1,1'-Biphenyl	12.880	154	484065	20.284	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	386760	20.408	ng/ul	99
45) 2-Nitroaniline	13.133	65	120038	20.844	ng/ul	92
47) Dimethylphthalate	13.533	163	491518	20.084	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	100098	21.039	ng/ul	95
50) Acenaphthylene	13.774	152	589996	20.520	ng/ul	98
51) 3-Nitroaniline	13.980	138	98197	20.267	ng/ul	96
52) Acenaphthene	14.121	153	424724	20.490	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	60011	17.877	ng/ul	98
55) 4-Nitrophenol	14.310	109	94517	19.803	ng/ul	97
56) Dibenzofuran	14.463	168	598751	20.582	ng/ul	99
57) 2,4-Dinitrotoluene	14.445	165	149961	20.626	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.704	232	125162	19.915	ng/ul#	96
59) Diethylphthalate	14.921	149	527963	20.054	ng/ul	99
61) Fluorene	15.121	166	482952	20.127	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	231618	19.608	ng/ul	100
63) 4-Nitroaniline	15.151	138	101290m	21.154	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.215	198	97493	19.992	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	426790	20.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.021	248	153748	20.137	ng/ul	97
69) Hexachlorobenzene	16.127	284	181396	20.176	ng/ul	99
70) Atrazine	16.315	200	162438	19.801	ng/ul	98
71) Pentachlorophenol	16.474	266	117633	19.325	ng/ul	96
72) Phenanthrene	16.862	178	810054	20.486	ng/ul	99
74) Anthracene	16.951	178	824293	20.671	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	202069	19.909	ng/uL	98
76) Pentachlorobenzene	14.386	250	209319	19.924	ng/uL	98
77) Carbazole	17.233	167	763667	20.657	ng/ul	99
78) Di-n-butylphthalate	17.821	149	936249	19.916	ng/ul	99
80) Fluoranthene	18.898	202	947765	20.414	ng/ul	97
82) Pyrene	19.262	202	1003021	20.276	ng/ul	99
83) Butylbenzylphthalate	20.203	149	425093	19.661	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	327425	19.681	ng/ul	98
85) Benzo(a)anthracene	21.039	228	1000316	20.183	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	622440	19.719	ng/ul	100
87) Chrysene	21.097	228	946991	20.034	ng/ul	99
89) Di-n-octyl phthalate	22.044	149	1078769	18.224	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1043487	20.105	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	1052777	20.526	ng/ul	99
93) Benzo(a)pyrene	23.644	252	989669	20.467	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.785	276	1244019	20.080	ng/ul	98
95) Dibenzo(a,h)anthracene	26.838	278	998633	20.068	ng/ul	100
96) Benzo(g,h,i)perylene	27.721	276	982114	20.064	ng/ul	99

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

