Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039455.D
Acq On : 18 Apr 2023 13:21
Operator : CG/JU
Sample : SSTD08049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 23:42:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 18:09:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	269520	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1189296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	719699	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1477328	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1050887	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	909021	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	224881m	31.622	ng/uL	0.00
4) Pyridine-d5	3.646	84	1648541	83.557	ng/ul	0.00
7) Phenol-d5	7.034	99	2067629	83.818	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.175	67	1320422	80.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	1633099	84.396	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	1657763	83.428	ng/ul	0.02
21) Nitrobenzene-d5	9.016	128	839447	87.734	ng/ul	0.01
24) 2-Nitrophenol-d4	9.734	143	963650	89.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	1601812	86.646	ng/ul	0.01
31) 4-Chloroaniline-d4	10.798	131	2253680	81.623	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	4651034	80.131	ng/ul	0.01
49) Acenaphthylene-d8	14.192	160	5341572	81.918	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	789337	89.857	ng/ul	0.02
60) Fluorene-d10	15.492	176	3724165	78.314	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	826350	84.173	ng/ul	0.02
73) Anthracene-d10	17.351	188	5559450	78.250	ng/ul	0.00
81) Pyrene-d10	19.651	212	6122559	87.677	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.668	264	4080512	83.145	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	241200	31.390	ng/uL	96
5) Pyridine	3.663	79	1711984	82.294	ng/ul	96
6) Benzaldehyde	6.975	77	720740	68.388	ng/ul	99
8) Phenol	7.057	94	2135665	83.155	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.269	93	1737367	81.135	ng/ul	99
12) 2-Chlorophenol	7.404	128	1632753	83.854	ng/ul	99
13) 2-Methylphenol	8.304	108	1651007	82.763	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	2367516	79.592	ng/ul	99
16) Acetophenone	8.675	105	2587188	79.267	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	1407787	77.932	ng/ul	99
18) 4-Methylphenol	8.651	108	1775387	82.433	ng/ul	97
19) Hexachloroethane	8.910	117	702302	79.414	ng/ul	98
22) Nitrobenzene	9.057	77	2007585	84.978	ng/ul	99
23) Isophorone	9.592	82	4112933	81.642	ng/ul	99
25) 2-Nitrophenol	9.769	139	981205	87.528	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	1914398	83.568	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	2414171	81.495	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	1560478	85.691	ng/ul	99
30) Naphthalene	10.698	128	5219266	79.317	ng/ul	100
32) 4-Chloroaniline	10.828	127	2252635	82.799	ng/ul	100
33) Hexachlorobutadiene	10.975	225	959655	79.975	ng/ul	100
34) Caprolactam	11.657	113	551929m	82.089	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	1799729	84.645	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	3572513	80.987	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.533	142	3529162	79.612	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.680	216	1827883	84.614	ng/ul	98
40)	Hexachlorocyclopentadiene	12.651	237	1204648	93.594	ng/ul	98
41)	2,4,6-Trichlorophenol	12.933	196	1280528	88.729	ng/ul	99
42)	2,4,5-Trichlorophenol	13.016	196	1346564	89.774	ng/ul	99
43)	1,1'-Biphenyl	13.327	154	4551366	81.830	ng/ul	100
44)	2-Chloronaphthalene	13.374	162	3554781	81.475	ng/ul	99
45)	2-Nitroaniline	13.598	65	1168576	91.333	ng/ul	98
47)	Dimethylphthalate	13.963	163	4571861	79.556	ng/ul	99
48)	2,6-Dinitrotoluene	14.092	165	1010146	86.912	ng/ul	98
50)	Acenaphthylene	14.221	152	5464140	78.339	ng/ul	99
51)	3-Nitroaniline	14.427	138	911859	83.704	ng/ul	98
52)	Acenaphthene	14.563	153	3809728	79.331	ng/ul	99
53)	2,4-Dinitrophenol	14.633	184	599936	96.971	ng/ul	96
55)	4-Nitrophenol	14.768	109	604401	90.583	ng/ul	100
56)	Dibenzofuran	14.898	168	4979907	76.293	ng/ul	100
57)	2,4-Dinitrotoluene	14.886	165	1361216	84.288	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.133	232	1121068	83.499	ng/ul	98
59)	Diethylphthalate	15.327	149	4653525	78.116	ng/ul	99
61)	Fluorene	15.551	166	4053608	75.074	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.539	204	2015428	75.308	ng/ul	98
63)	4-Nitroaniline	15.604	138	656880	80.168	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.651	198	791552	83.863	ng/ul	98
67)	N-Nitrosodiphenylamine	15.763	169	3518630	79.941	ng/ul	100
68)	4-Bromophenyl-phenylether	16.439	248	1330654	83.395	ng/ul	97
69)	Hexachlorobenzene	16.551	284	1474714	80.451	ng/ul	98
70)	Atrazine	16.727	200	1283492	78.584	ng/ul	99
71)	Pentachlorophenol	16.904	266	916436	85.523	ng/ul	99
72)	Phenanthrene	17.292	178	6471002	78.898	ng/ul	99
74)	Anthracene	17.386	178	6340268	77.057	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.292	216	1904115	86.543	ng/uL	99
76)	Pentachlorobenzene	14.816	250	1740514	80.370	ng/uL	98
77)	Carbazole	17.662	167	5835420	79.812	ng/ul	100
78)	Di-n-butylphthalate	18.215	149	8265418	79.925	ng/ul	98
80)	Fluoranthene	19.315	202	7339094	89.665	ng/ul	98
82)	Pyrene	19.680	202	7218203	85.187	ng/ul	98
83)	Butylbenzylphthalate	20.574	149	3588641	89.725	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.362	252	1775217	76.176	ng/ul	98
85)	Benzo(a)anthracene	21.427	228	6121707	80.539	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.345	149	5046986	84.852	ng/ul	98
87)	Chrysene	21.480	228	5754339	79.366	ng/ul	99
89)	Di-n-octyl phthalate	22.262	149	7879465	86.271	ng/ul	100
90)	Benzo(b)fluoranthene	23.097	252	5450871	85.222	ng/ul	99
91)	Benzo(k)fluoranthene	23.144	252	5007022	79.711	ng/ul	100
93)	Benzo(a)pyrene	23.715	252	4402400	81.657	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.285	276	5303901	89.440	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.303	278	4373537	88.951	ng/ul	100
96)	Benzo(g,h,i)perylene	27.044	276	4324113	91.534	ng/ul	99

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

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