Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
Data File : BM036299.D
Acq On : 16 Aug 2022 13:40
Operator : CG/JU
Sample : SSTD08064
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080016

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/17/2022
Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 16 14:38:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 14:05:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	198475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	843076	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	480075	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	940801	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	900368	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	907898	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	175803	33.331	ng/uL	0.00
4) Pyridine-d5	3.634	84	1223577	84.678	ng/ul	0.00
7) Phenol-d5	6.993	99	1472375	88.463	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	900886	81.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	1188592	86.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.539	113	1095047	81.213	ng/ul	0.01
21) Nitrobenzene-d5	8.975	128	579592	86.757	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	617155	94.820	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	1050051	89.200	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	1565794	78.571	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	2686436	82.150	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	3401606	81.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	551465	82.121	ng/ul	0.00
60) Fluorene-d10	15.439	176	2425785	82.089	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	463056	91.566	ng/ul	0.00
73) Anthracene-d10	17.292	188	3658489	86.013	ng/ul	0.00
81) Pyrene-d10	19.586	212	4011350	80.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	3945968	85.609	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	187166	34.242	ng/uL	95
5) Pyridine	3.652	79	1261538	83.196	ng/ul	91
6) Benzaldehyde	6.951	77	533182	76.326	ng/ul	96
8) Phenol	7.016	94	1520900	83.500	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.240	93	1188828	81.185	ng/ul	97
12) 2-Chlorophenol	7.369	128	1227318	86.600	ng/ul	100
13) 2-Methylphenol	8.263	108	1124819	82.664	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	1592820m	82.408	ng/ul	
16) Acetophenone	8.639	105	1751769	80.919	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.634	70	879194	81.439	ng/ul	97
18) 4-Methylphenol	8.604	108	1203596	82.453	ng/ul	96
19) Hexachloroethane	8.875	117	506568	86.631	ng/ul	89
22) Nitrobenzene	9.022	77	1331739	87.112	ng/ul	99
23) Isophorone	9.551	82	2391074	82.856	ng/ul	97
25) 2-Nitrophenol	9.728	139	668609	92.593	ng/ul	98
26) 2,4-Dimethylphenol	9.798	107	1274506	86.378	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.034	93	1497339	82.268	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	1054504	86.306	ng/ul	98
30) Naphthalene	10.657	128	3733088	83.890	ng/ul	99
32) 4-Chloroaniline	10.781	127	1583337	79.981	ng/ul	99
33) Hexachlorobutadiene	10.933	225	639081	84.727	ng/ul	99
34) Caprolactam	11.592	113	333643m	82.625	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	1091321	85.898	ng/ul	96
36) 2-Methylnaphthalene	12.269	142	2402639	82.524	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	2410677	82.146	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	1149529	84.118	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	714676	78.523	ng/ul	97
41) 2,4,6-Trichlorophenol	12.886	196	774597	88.574	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	818247	87.688	ng/ul	99
43) 1,1'-Biphenyl	13.286	154	3087878	83.566	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	2375376	83.763	ng/ul	98
45) 2-Nitroaniline	13.545	65	730310	93.413	ng/ul	98
47) Dimethylphthalate	13.921	163	2759748	83.899	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	593214	90.836	ng/ul	93
50) Acenaphthylene	14.174	152	3881811	84.102	ng/ul	100
51) 3-Nitroaniline	14.374	138	581269	80.538	ng/ul	98
52) Acenaphthene	14.516	153	2489738	83.147	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	343353	92.599	ng/ul	95
55) 4-Nitrophenol	14.698	109	434210	84.543	ng/ul	81
56) Dibenzofuran	14.851	168	3444298	83.133	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	841879	91.453	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	641368	87.479	ng/ul#	93
59) Diethylphthalate	15.280	149	2807537	84.382	ng/ul	99
61) Fluorene	15.498	166	2742073	81.020	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	1299959	80.166	ng/ul	99
63) 4-Nitroaniline	15.539	138	561641m	84.528	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	470047	92.888	ng/ul#	98
67) N-Nitrosodiphenylamine	15.710	169	2292827	82.898	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	770299	83.518	ng/ul	98
69) Hexachlorobenzene	16.492	284	924634	82.278	ng/ul	97
70) Atrazine	16.668	200	805517	83.967	ng/ul	99
71) Pentachlorophenol	16.845	266	560743	81.677	ng/ul	98
72) Phenanthrene	17.233	178	4191696	83.129	ng/ul	97
74) Anthracene	17.327	178	4292784	84.842	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	1176598	80.422	ng/uL	97
76) Pentachlorobenzene	14.763	250	1108150	83.558	ng/uL	100
77) Carbazole	17.604	167	3993063	85.446	ng/ul	99
78) Di-n-butylphthalate	18.162	149	4666382	88.502	ng/ul	99
80) Fluoranthene	19.251	202	4796550	80.452	ng/ul	98
82) Pyrene	19.615	202	4883095	79.462	ng/ul	97
83) Butylbenzylphthalate	20.515	149	2081408	93.127	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	1562484	94.042	ng/ul	98
85) Benzo(a)anthracene	21.356	228	4663557	82.292	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	2916565	90.312	ng/ul	99
87) Chrysene	21.415	228	4561613	82.497	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	4940167	84.260	ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	4964158	81.929	ng/ul#	97
91) Benzo(k)fluoranthene	23.044	252	4630883	80.541	ng/ul	97
93) Benzo(a)pyrene	23.609	252	4842208	83.902	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.132	276	5645498	91.773	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.150	278	4861887	92.122	ng/ul	95
96) Benzo(g,h,i)perylene	26.879	276	4814745	94.449	ng/ul	96

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

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