Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120622\
Data File : BM037866.D
Acq On : 06 Dec 2022 22:26
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020065

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 06 23:39:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 01:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	251491	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.910	136	1120201	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.721	164	700392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1331594	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1140105	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1172356	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	44406	8.284	ng/uL	0.00
4) Pyridine-d5	3.863	84	366301	21.129	ng/ul	0.00
7) Phenol-d5	7.245	99	431741	19.055	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	255888	19.358	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.616	132	356008	20.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	342011	18.981	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	179827	20.209	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	192785	20.937	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.528	165	362364	21.220	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	487460	18.610	ng/ul	0.00
46) Dimethylphthalate-d6	14.127	166	955557	19.868	ng/ul	0.00
49) Acenaphthylene-d8	14.415	160	1188984	20.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	161496	16.178	ng/ul	0.00
60) Fluorene-d10	15.704	176	872559	19.998	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	126098	17.977	ng/ul	0.00
73) Anthracene-d10	17.556	188	1258358	20.549	ng/ul	0.00
81) Pyrene-d10	19.839	212	1275928	21.605	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	1215050	20.688	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	48729	8.482	ng/uL#	73
5) Pyridine	3.887	79	358146	21.069	ng/ul	96
6) Benzaldehyde	7.222	77	222249	20.367	ng/ul	97
8) Phenol	7.269	94	440460	19.022	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.504	93	356699	19.310	ng/ul	99
12) 2-Chlorophenol	7.651	128	385095	20.885	ng/ul	96
13) 2-Methylphenol	8.534	108	346039	18.739	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	649787	18.931	ng/ul	98
16) Acetophenone	8.922	105	546835	19.239	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.910	70	264070	18.445	ng/ul	97
18) 4-Methylphenol	8.863	108	371574	18.649	ng/ul	98
19) Hexachloroethane	9.181	117	150545	21.375	ng/ul	95
22) Nitrobenzene	9.304	77	387205	20.763	ng/ul	98
23) Isophorone	9.833	82	740984	18.468	ng/ul	99
25) 2-Nitrophenol	10.022	139	210559	21.101	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	395856	20.638	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.316	93	475177	19.613	ng/ul	97
29) 2,4-Dichlorophenol	10.557	162	369999	21.421	ng/ul	97
30) Naphthalene	10.963	128	1252542	20.602	ng/ul	100
32) 4-Chloroaniline	11.075	127	496762	18.741	ng/ul	99
33) Hexachlorobutadiene	11.245	225	242139	22.631	ng/ul	99
34) Caprolactam	11.857	113	93857m	14.964	ng/ul	
35) 4-Chloro-3-methylphenol	12.180	107	348352	19.326	ng/ul	96
36) 2-Methylnaphthalene	12.557	142	844654	20.082	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.774	142	848188	20.148	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.921	216	453689	22.618	ng/ul	99
40)	Hexachlorocyclopentadiene	12.898	237	220367	19.978	ng/ul	97
41)	2,4,6-Trichlorophenol	13.163	196	288583	22.038	ng/ul	98
42)	2,4,5-Trichlorophenol	13.227	196	299847	21.499	ng/ul	97
43)	1,1'-Biphenyl	13.557	154	1088813	21.387	ng/ul	99
44)	2-Chloronaphthalene	13.604	162	859595	21.516	ng/ul	99
45)	2-Nitroaniline	13.804	65	217229	19.217	ng/ul	99
47)	Dimethylphthalate	14.174	163	998264	19.928	ng/ul	100
48)	2,6-Dinitrotoluene	14.298	165	198930	19.450	ng/ul	99
50)	Acenaphthylene	14.445	152	1336465	20.608	ng/ul	100
51)	3-Nitroaniline	14.621	138	205334	16.820	ng/ul	99
52)	Acenaphthene	14.780	153	930967	20.717	ng/ul	99
53)	2,4-Dinitrophenol	14.827	184	84319	14.116	ng/ul	92
55)	4-Nitrophenol	14.921	109	106921	17.376	ng/ul	97
56)	Dibenzofuran	15.115	168	1259208	20.813	ng/ul	99
57)	2,4-Dinitrotoluene	15.074	165	275390	19.280	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.339	232	252688	20.598	ng/ul	97
59)	Diethylphthalate	15.527	149	985791	19.189	ng/ul	99
61)	Fluorene	15.762	166	1039887	20.416	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.751	204	513016	21.127	ng/ul	99
63)	4-Nitroaniline	15.780	138	193552	15.760	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.839	198	134977	18.666	ng/ul	97
67)	N-Nitrosodiphenylamine	15.962	169	847634	22.089	ng/ul	100
68)	4-Bromophenyl-phenylether	16.645	248	304932	22.315	ng/ul	99
69)	Hexachlorobenzene	16.762	284	357639	22.413	ng/ul	99
70)	Atrazine	16.909	200	260173	19.687	ng/ul	98
71)	Pentachlorophenol	17.104	266	204101	20.796	ng/ul	100
72)	Phenanthrene	17.498	178	1501035	20.799	ng/ul	100
74)	Anthracene	17.592	178	1541643	20.940	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.527	216	450227	25.077	ng/uL	99
76)	Pentachlorobenzene	15.033	250	475225	24.329	ng/uL	99
77)	Carbazole	17.856	167	1323409	19.533	ng/ul	99
78)	Di-n-butylphthalate	18.409	149	1609985	18.901	ng/ul	99
80)	Fluoranthene	19.503	202	1578153	21.878	ng/ul	97
82)	Pyrene	19.868	202	1655891	22.232	ng/ul	96
83)	Butylbenzylphthalate	20.744	149	631551	19.448	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.539	252	483581	20.247	ng/ul	98
85)	Benzo(a)anthracene	21.609	228	1514543	20.763	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.515	149	925627	18.863	ng/ul	98
87)	Chrysene	21.662	228	1406252	20.710	ng/ul	100
89)	Di-n-octyl phthalate	22.468	149	1550060	18.372	ng/ul	100
90)	Benzo(b)fluoranthene	23.344	252	1497144	19.885	ng/ul	99
91)	Benzo(k)fluoranthene	23.397	252	1516769	20.884	ng/ul	98
93)	Benzo(a)pyrene	23.997	252	1346603	20.625	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.709	276	1639305	22.333	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.726	278	1489735	22.299	ng/ul	98
96)	Benzo(g,h,i)perylene	27.515	276	1458435	22.768	ng/ul	97

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

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