Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061622\
Data File : BM035482.D
Acq On : 16 Jun 2022 15:53
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 17 01:05:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 00:59:32 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080002

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :Yogesh Patel 06/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	195769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	812026	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	483392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	975706	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	958431	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1060320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	164107	34.636	ng/uL	0.00
4) Pyridine-d5	3.681	84	1060445	86.763	ng/ul	0.00
7) Phenol-d5	6.998	99	1294534	89.726	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	785154	86.253	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	1145116	89.530	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	1090876	90.006	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	550896	86.530	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	618106	86.709	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	1011575	79.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	1517856	86.817	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	2818536	80.031	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	3534623	83.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	504180	80.748	ng/ul	-0.01
60) Fluorene-d10	15.451	176	2414533	81.039	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	532763	84.561	ng/ul	0.00
73) Anthracene-d10	17.304	188	3678775	81.002	ng/ul	0.00
81) Pyrene-d10	19.598	212	4041902	79.181	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	4364017	81.211	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	165564	33.626	ng/uL	95
5) Pyridine	3.699	79	1092520	86.245	ng/ul	97
6) Benzaldehyde	6.957	77	445996	62.299	ng/ul	96
8) Phenol	7.028	94	1376051	90.683	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.245	93	1057201	89.885	ng/ul	98
12) 2-Chlorophenol	7.387	128	1181052	90.385	ng/ul	98
13) 2-Methylphenol	8.275	108	1020804	89.628	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.345	45	1533312	91.768	ng/ul	100
16) Acetophenone	8.645	105	1615812	86.072	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.639	70	796844	89.531	ng/ul	99
18) 4-Methylphenol	8.610	108	1097691	90.186	ng/ul	99
19) Hexachloroethane	8.886	117	455854	80.256	ng/ul	94
22) Nitrobenzene	9.022	77	1154953	75.864	ng/ul	96
23) Isophorone	9.557	82	2191158	81.551	ng/ul	100
25) 2-Nitrophenol	9.733	139	666843	87.383	ng/ul	96
26) 2,4-Dimethylphenol	9.804	107	1196247	79.530	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.033	93	1391178	86.020	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	1022540	79.982	ng/ul	99
30) Naphthalene	10.663	128	3492659	83.157	ng/ul	100
32) 4-Chloroaniline	10.780	127	1521109	87.000	ng/ul	98
33) Hexachlorobutadiene	10.951	225	600591	64.603	ng/ul	99
34) Caprolactam	11.586	113	346721m	94.124	ng/ul	
35) 4-Chloro-3-methylphenol	11.927	107	1093921	85.231	ng/ul	97
36) 2-Methylnaphthalene	12.280	142	2319248	82.432	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	2331022	82.657	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	1139156	73.288	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	513717	46.348	ng/ul	96
41) 2,4,6-Trichlorophenol	12.898	196	758980	76.456	ng/ul	98
42) 2,4,5-Trichlorophenol	12.980	196	802238	76.139	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	3027803	80.904	ng/ul	99
44) 2-Chloronaphthalene	13.333	162	2323320	80.059	ng/ul	98
45) 2-Nitroaniline	13.551	65	691785	84.835	ng/ul	98
47) Dimethylphthalate	13.927	163	2824952	80.113	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	631541	89.920	ng/ul	97
50) Acenaphthylene	14.180	152	3843414	84.965	ng/ul	100
51) 3-Nitroaniline	14.380	138	581653	86.363	ng/ul	95
52) Acenaphthene	14.521	153	2510020	83.317	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	373367	81.145	ng/ul	93
55) 4-Nitrophenol	14.710	109	337341	57.595	ng/ul	94
56) Dibenzofuran	14.857	168	3418288	81.131	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	891522	90.399	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.092	232	653717	76.585	ng/ul	95
59) Diethylphthalate	15.286	149	2881681	80.704	ng/ul	99
61) Fluorene	15.510	166	2756371	80.406	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	1282422	73.691	ng/ul	99
63) 4-Nitroaniline	15.545	138	511110	83.761	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	521985	82.658	ng/ul#	94
67) N-Nitrosodiphenylamine	15.721	169	2425209	82.166	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	800785	77.492	ng/ul	98
69) Hexachlorobenzene	16.515	284	908678	77.002	ng/ul	99
70) Atrazine	16.680	200	869933	75.536	ng/ul	98
71) Pentachlorophenol	16.868	266	524538	66.516	ng/ul	99
72) Phenanthrene	17.245	178	4336833	82.088	ng/ul	99
74) Anthracene	17.339	178	4470850	83.043	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	1175442	69.159	ng/uL	98
76) Pentachlorobenzene	14.780	250	1099413	75.298	ng/uL	100
77) Carbazole	17.615	167	4072574	85.477	ng/ul	99
78) Di-n-butylphthalate	18.174	149	5082746	74.545	ng/ul	99
80) Fluoranthene	19.268	202	4960813	80.905	ng/ul	98
82) Pyrene	19.627	202	5058183	80.146	ng/ul	97
83) Butylbenzylphthalate	20.527	149	2345285	86.750	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.309	252	1427458	72.447	ng/ul	98
85) Benzo(a)anthracene	21.380	228	4826895	78.831	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	3378306	83.104	ng/ul	99
87) Chrysene	21.433	228	4736936	79.346	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	6110253	80.372	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	5324501	77.213	ng/ul	100
91) Benzo(k)fluoranthene	23.074	252	4936507	75.356	ng/ul	99
93) Benzo(a)pyrene	23.638	252	5291687	78.761	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.168	276	6175887	79.992	ng/ul	98
95) Dibenzo(a,h)anthracene	26.179	278	5245130	79.094	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	5380631	83.782	ng/ul	99

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

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