Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092922\
Data File : BM036800.D
Acq On : 29 Sep 2022 14:15
Operator : CG/JU
Sample : SSTD08082
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 30 01:13:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 01:10:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080030

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2022
Supervised By :mohammad ahmed 10/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	329832	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1499022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	930171	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1878720	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1959300	20.000	ng/ul	0.01
88) Perylene-d12	23.944	264	1908589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	283681	32.242	ng/uL	0.00
4) Pyridine-d5	3.793	84	2310832	90.056	ng/ul	0.00
7) Phenol-d5	7.151	99	2833827	96.142	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.316	67	1688173	94.310	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	2003663	94.420	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	2113867	97.058	ng/ul	0.01
21) Nitrobenzene-d5	9.157	128	1032722	101.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	1071290	117.878	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	1924716	91.385	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	3019475	86.228	ng/ul	0.01
46) Dimethylphthalate-d6	14.033	166	5423035	86.444	ng/ul	0.01
49) Acenaphthylene-d8	14.310	160	6488203	87.190	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	1184505	97.346	ng/ul	0.02
60) Fluorene-d10	15.604	176	4765617	84.767	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	931128	125.269	ng/ul	0.01
73) Anthracene-d10	17.457	188	7348998	85.553	ng/ul	0.01
81) Pyrene-d10	19.739	212	8350451	86.632	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	8275640	88.751	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	310002	32.708	ng/uL	95
5) Pyridine	3.816	79	2338220	90.699	ng/ul	100
6) Benzaldehyde	7.122	77	1100801	77.123	ng/ul	98
8) Phenol	7.175	94	2994853	94.669	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	2254548	91.598	ng/ul	98
12) 2-Chlorophenol	7.551	128	2125932	92.611	ng/ul	99
13) 2-Methylphenol	8.434	108	2184954	93.966	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	2930842	100.465	ng/ul	99
16) Acetophenone	8.822	105	3442745	91.133	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	1825810	100.164	ng/ul	97
18) 4-Methylphenol	8.775	108	2384994	94.852	ng/ul	97
19) Hexachloroethane	9.069	117	832576	89.544	ng/ul	98
22) Nitrobenzene	9.198	77	2610354	96.900	ng/ul	98
23) Isophorone	9.739	82	5164325	94.022	ng/ul	99
25) 2-Nitrophenol	9.910	139	1203162	107.186	ng/ul	96
26) 2,4-Dimethylphenol	9.969	107	2509145	90.630	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.210	93	2988997	91.299	ng/ul	100
29) 2,4-Dichlorophenol	10.445	162	1984913	89.645	ng/ul	100
30) Naphthalene	10.851	128	6817561	83.486	ng/ul	99
32) 4-Chloroaniline	10.963	127	3109166	86.000	ng/ul	100
33) Hexachlorobutadiene	11.128	225	1041674	76.921	ng/ul	99
34) Caprolactam	11.775	113	683541m	95.169	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	2325871	95.160	ng/ul	99
36) 2-Methylnaphthalene	12.451	142	4691294	86.224	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	4662083	85.235	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	2164346	82.209	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	1238960	90.300	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	1488042	92.310	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	1606430	92.949	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	5824885	84.950	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	4527422	84.144	ng/ul	99
45) 2-Nitroaniline	13.704	65	1591337	120.160	ng/ul	99
47) Dimethylphthalate	14.080	163	5703688	85.709	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	1196838	110.620	ng/ul	99
50) Acenaphthylene	14.339	152	7197145	84.595	ng/ul	99
51) 3-Nitroaniline	14.527	138	1244562	95.912	ng/ul	97
52) Acenaphthene	14.680	153	5047544	84.792	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	706095	147.081	ng/ul	96
55) 4-Nitrophenol	14.839	109	963345	92.615	ng/ul	94
56) Dibenzofuran	15.016	168	6577204	82.271	ng/ul	98
57) 2,4-Dinitrotoluene	14.980	165	1705827	108.451	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.239	232	1321186	91.321	ng/ul	93
59) Diethylphthalate	15.439	149	5859889	87.963	ng/ul	99
61) Fluorene	15.663	166	5601557	82.269	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	2608296	80.100	ng/ul	97
63) 4-Nitroaniline	15.692	138	1116090	88.527	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	980804	116.932	ng/ul#	93
67) N-Nitrosodiphenylamine	15.869	169	4742249	85.703	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	1517051	81.925	ng/ul	97
69) Hexachlorobenzene	16.657	284	1737878	79.348	ng/ul	98
70) Atrazine	16.821	200	1655468	84.783	ng/ul	99
71) Pentachlorophenol	16.998	266	1137269	87.417	ng/ul	99
72) Phenanthrene	17.398	178	8779118	84.837	ng/ul	97
74) Anthracene	17.486	178	8861059	84.244	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.422	216	2143018	83.400	ng/uL	99
76) Pentachlorobenzene	14.933	250	2209008	79.484	ng/uL	99
77) Carbazole	17.757	167	8410254	86.362	ng/ul	98
78) Di-n-butylphthalate	18.315	149	10173561	92.170	ng/ul	98
80) Fluoranthene	19.404	202	10119623	85.675	ng/ul	98
82) Pyrene	19.768	202	10362117	82.877	ng/ul	99
83) Butylbenzylphthalate	20.656	149	4967536	104.852	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.445	252	3595554	93.919	ng/ul	99
85) Benzo(a)anthracene	21.509	228	10401141	84.727	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.433	149	7092712	102.486	ng/ul#	96
87) Chrysene	21.568	228	9634729	82.685	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	12009907	104.376	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	10955402	90.518	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	10205468	84.387	ng/ul	98
93) Benzo(a)pyrene	23.850	252	9310501	87.506	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.485	276	9994601	80.439	ng/ul	97
95) Dibenzo(a,h)anthracene	26.503	278	9201732	81.662	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	8339459	77.422	ng/ul	99

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

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