Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062322\
Data File : BP010777.D
Acq On : 23 Jun 2022 16:39
Operator : CG/JU
Sample : SSTD04013
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040613

Quant Time: Jun 23 17:56:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 17:53:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	353209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1402340	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.381	164	725462	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.145	188	1353087	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.263	240	1220513	20.000	ng/ul	# 0.00
88) Perylene-d12	23.639	264	1348712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	162456	18.342	ng/uL	0.00
4) Pyridine-d5	3.605	84	1054554	45.305	ng/ul	0.00
7) Phenol-d5	6.893	99	1178878	44.334	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	774872	45.737	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	1003261	46.222	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	934585	45.037	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	411866	55.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	353414	60.249	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.146	165	792136	43.513	ng/ul	0.00
31) 4-Chloroaniline-d4	10.663	131	1261722	42.958	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	2131324	44.052	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	2742948	43.746	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	334811	51.601	ng/ul	0.00
60) Fluorene-d10	15.381	176	1812026	41.910	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	177204	47.752	ng/ul	0.00
73) Anthracene-d10	17.251	188	2578323	42.637	ng/ul	0.00
81) Pyrene-d10	19.498	212	2763136	44.562	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	2915412	43.728	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	170959	18.592	ng/uL#	87
5) Pyridine	3.622	79	1067228	44.782	ng/ul#	76
6) Benzaldehyde	6.869	77	694221	52.287	ng/ul	96
8) Phenol	6.922	94	1265641	44.681	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.157	93	1016585	44.815	ng/ul	90
12) 2-Chlorophenol	7.287	128	1023735	45.231	ng/ul	93
13) 2-Methylphenol	8.169	108	942327	44.534	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1369989	45.228	ng/ul#	98
16) Acetophenone	8.552	105	1427168	44.269	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.546	70	706741	45.110	ng/ul	89
18) 4-Methylphenol	8.504	108	976934	44.789	ng/ul	99
19) Hexachloroethane	8.804	117	418706	46.066	ng/ul	85
22) Nitrobenzene	8.928	77	1000883	53.133	ng/ul	91
23) Isophorone	9.457	82	1959439	43.960	ng/ul	97
25) 2-Nitrophenol	9.640	139	434487	59.875	ng/ul#	79
26) 2,4-Dimethylphenol	9.704	107	1035830	44.544	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.951	93	1241849	43.926	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	822247	43.591	ng/ul	98
30) Naphthalene	10.575	128	3076644	42.935	ng/ul	100
32) 4-Chloroaniline	10.687	127	1243468	43.000	ng/ul	99
33) Hexachlorobutadiene	10.863	225	516130	38.192	ng/ul	95
34) Caprolactam	11.451	113	249562	44.341	ng/ul	90
35) 4-Chloro-3-methylphenol	11.822	107	867300	46.462	ng/ul	92
36) 2-Methylnaphthalene	12.193	142	1961795	41.554	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1949110	41.448	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.563	216	914070	41.246	ng/ul	99
40) Hexachlorocyclopentadiene	12.545	237	564861	41.746	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	542483	46.854	ng/ul	96
42) 2,4,5-Trichlorophenol	12.875	196	591064	48.303	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	2461424	44.410	ng/ul#	98
44) 2-Chloronaphthalene	13.251	162	1854496	43.602	ng/ul	98
45) 2-Nitroaniline	13.463	65	443559	71.579	ng/ul#	78
47) Dimethylphthalate	13.851	163	2108943	43.643	ng/ul	98
48) 2,6-Dinitrotoluene	13.963	165	364993	65.387	ng/ul	96
50) Acenaphthylene	14.104	152	2965646	43.789	ng/ul	99
51) 3-Nitroaniline	14.292	138	399844	56.399	ng/ul#	88
52) Acenaphthene	14.451	153	1907917	43.658	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	110635	46.535	ng/ul#	84
55) 4-Nitrophenol	14.598	109	266368	52.077	ng/ul#	76
56) Dibenzofuran	14.787	168	2587138	42.135	ng/ul	97
57) 2,4-Dinitrotoluene	14.751	165	493847	64.664	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.010	232	417623	48.034	ng/ul	92
59) Diethylphthalate	15.228	149	2111883	45.383	ng/ul	98
61) Fluorene	15.439	166	2073726	42.413	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	967537	40.235	ng/ul	100
63) 4-Nitroaniline	15.463	138	377156	56.438	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.516	198	199897	49.495	ng/ul	95
67) N-Nitrosodiphenylamine	15.657	169	1736265	43.892	ng/ul	97
68) 4-Bromophenyl-phenylether	16.339	248	586130	41.836	ng/ul	98
69) Hexachlorobenzene	16.439	284	671676	40.892	ng/ul	96
70) Atrazine	16.622	200	584924	43.319	ng/ul	99
71) Pentachlorophenol	16.792	266	345208	45.622	ng/ul	98
72) Phenanthrene	17.192	178	3070123	43.299	ng/ul	99
74) Anthracene	17.280	178	3062338	42.964	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	945892	41.585	ng/uL	98
76) Pentachlorobenzene	14.698	250	823802	41.560	ng/uL	98
77) Carbazole	17.557	167	2800666	44.567	ng/ul	99
78) Di-n-butylphthalate	18.133	149	3445443	48.497	ng/ul	99
80) Fluoranthene	19.174	202	3417010	45.477	ng/ul#	89
82) Pyrene	19.527	202	3415394	44.779	ng/ul#	86
83) Butylbenzylphthalate	20.427	149	1363480	56.128	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	1127078	46.022	ng/ul#	99
85) Benzo(a)anthracene	21.245	228	3261575	43.511	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.204	149	2112941	51.733	ng/ul#	97
87) Chrysene	21.298	228	3130467	43.310	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	3550468	51.888	ng/ul	100
90) Benzo(b)fluoranthene	22.915	252	3604268	43.682	ng/ul#	96
91) Benzo(k)fluoranthene	22.963	252	3396073	43.949	ng/ul#	95
93) Benzo(a)pyrene	23.539	252	3542066	43.699	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.115	276	4416614	44.208	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.139	278	3775527	44.199	ng/ul#	94
96) Benzo(g,h,i)perylene	26.868	276	3743798	44.145	ng/ul#	89

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

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