Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062322\
Data File : BP010776.D
Acq On : 23 Jun 2022 16:05
Operator : CG/JU
Sample : SSTD02012
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020612

Quant Time: Jun 23 17:56:10 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	7.734	152	419533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1755972	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1007108	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1971486	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.268	240	1672550	20.000	ng/ul	# 0.00
88) Perylene-d12	23.645	264	1564757	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	89371	8.495	ng/uL	0.00
4) Pyridine-d5	3.611	84	578727	20.932	ng/ul	0.00
7) Phenol-d5	6.899	99	658207	20.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	436205	21.677	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	551523	21.393	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	536281	21.758	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	222665	23.979	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	177499	24.166	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	458947	20.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	769026	20.910	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	1399330	20.834	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	1740130	19.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.586	143	201787	22.402	ng/ul	0.00
60) Fluorene-d10	15.386	176	1171764	19.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	102019	18.868	ng/ul	0.00
73) Anthracene-d10	17.251	188	1729666	19.631	ng/ul	0.00
81) Pyrene-d10	19.504	212	1866300	21.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	1530216	19.782	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	91961	8.420	ng/uL#	87
5) Pyridine	3.628	79	587275	20.747	ng/ul#	74
6) Benzaldehyde	6.875	77	416215	26.393	ng/ul	96
8) Phenol	6.928	94	708215	21.050	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.163	93	577217	21.423	ng/ul	89
12) 2-Chlorophenol	7.293	128	573408	21.329	ng/ul	94
13) 2-Methylphenol	8.175	108	534467	21.266	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	785810	21.841	ng/ul#	97
16) Acetophenone	8.557	105	845091	22.069	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.546	70	427312	22.963	ng/ul	89
18) 4-Methylphenol	8.504	108	569781	21.993	ng/ul	96
19) Hexachloroethane	8.810	117	225102	20.851	ng/ul#	86
22) Nitrobenzene	8.934	77	564186	23.919	ng/ul	93
23) Isophorone	9.457	82	1198995	21.482	ng/ul	98
25) 2-Nitrophenol	9.646	139	225678	24.836	ng/ul#	80
26) 2,4-Dimethylphenol	9.710	107	612465	21.034	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.951	93	744341	21.026	ng/ul	98
29) 2,4-Dichlorophenol	10.175	162	472950	20.024	ng/ul	100
30) Naphthalene	10.581	128	1803194	20.096	ng/ul	99
32) 4-Chloroaniline	10.693	127	765356	21.136	ng/ul	98
33) Hexachlorobutadiene	10.869	225	296780	17.538	ng/ul	98
34) Caprolactam	11.451	113	160074	22.714	ng/ul	89
35) 4-Chloro-3-methylphenol	11.828	107	528144	22.595	ng/ul	92
36) 2-Methylnaphthalene	12.198	142	1187471	20.087	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.422	142	1188307	20.180	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.569	216	548832	17.839	ng/ul	99
40)	Hexachlorocyclopentadiene	12.551	237	321444	17.113	ng/ul	96
41)	2,4,6-Trichlorophenol	12.816	196	329204	20.482	ng/ul	99
42)	2,4,5-Trichlorophenol	12.881	196	358623	21.111	ng/ul	99
43)	1,1'-Biphenyl	13.222	154	1526762	19.843	ng/ul#	97
44)	2-Chloronaphthalene	13.263	162	1141668	19.336	ng/ul	99
45)	2-Nitroaniline	13.469	65	258263	30.022	ng/ul#	79
47)	Dimethylphthalate	13.857	163	1390621	20.730	ng/ul	98
48)	2,6-Dinitrotoluene	13.969	165	214544	27.686	ng/ul	95
50)	Acenaphthylene	14.110	152	1890073	20.103	ng/ul	99
51)	3-Nitroaniline	14.298	138	243336	24.724	ng/ul#	90
52)	Acenaphthene	14.451	153	1216977	20.060	ng/ul	99
53)	2,4-Dinitrophenol	14.498	184	60411	18.304	ng/ul	87
55)	4-Nitrophenol	14.604	109	166809	23.492	ng/ul#	77
56)	Dibenzofuran	14.792	168	1672387	19.620	ng/ul	96
57)	2,4-Dinitrotoluene	14.757	165	299221	28.223	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	15.016	232	261251	21.645	ng/ul#	90
59)	Diethylphthalate	15.233	149	1395929	21.609	ng/ul	98
61)	Fluorene	15.445	166	1358721	20.018	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.451	204	631753	18.925	ng/ul	98
63)	4-Nitroaniline	15.463	138	242372	26.126	ng/ul#	83
66)	4,6-Dinitro-2-methylph...	15.522	198	114544	19.465	ng/ul	96
67)	N-Nitrosodiphenylamine	15.663	169	1156919	20.072	ng/ul	98
68)	4-Bromophenyl-phenylether	16.351	248	382641	18.745	ng/ul	97
69)	Hexachlorobenzene	16.445	284	446454	18.654	ng/ul	96
70)	Atrazine	16.628	200	389907	19.819	ng/ul	98
71)	Pentachlorophenol	16.798	266	211956	19.225	ng/ul	97
72)	Phenanthrene	17.198	178	2053000	19.872	ng/ul	98
74)	Anthracene	17.286	178	2080610	20.034	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.181	216	574772	17.343	ng/uL	97
76)	Pentachlorobenzene	14.704	250	529597	18.337	ng/uL	99
77)	Carbazole	17.563	167	1895621	20.703	ng/ul	99
78)	Di-n-butylphthalate	18.145	149	2303003	22.248	ng/ul	99
80)	Fluoranthene	19.180	202	2307420	22.410	ng/ul#	90
82)	Pyrene	19.533	202	2292742	21.936	ng/ul#	86
83)	Butylbenzylphthalate	20.433	149	839834	25.228	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.192	252	660445	19.679	ng/ul#	97
85)	Benzo(a)anthracene	21.251	228	2074552	20.196	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.210	149	1291599	23.077	ng/ul#	96
87)	Chrysene	21.304	228	1980004	19.990	ng/ul	100
89)	Di-n-octyl phthalate	22.133	149	1974983	24.878	ng/ul	100
90)	Benzo(b)fluoranthene	22.921	252	1969558	20.574	ng/ul#	96
91)	Benzo(k)fluoranthene	22.968	252	1863762	20.789	ng/ul#	94
93)	Benzo(a)pyrene	23.539	252	1872812	19.915	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	26.121	276	2137800	18.444	ng/ul#	91
95)	Dibenzo(a,h)anthracene	26.151	278	1833278	18.498	ng/ul#	93
96)	Benzo(g,h,i)perylene	26.874	276	1814742	18.444	ng/ul#	89

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

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