Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020721.D
Acq On : 01 Jul 2024 16:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020666

Quant Time: Jul 01 17:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	247936	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.505	136	1021874	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.369	164	651389	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	1264659	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	904195	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	1097018	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	39029	6.760	ng/uL	0.00
4) Pyridine-d5	3.681	84	291476	17.321	ng/ul	0.00
7) Phenol-d5	6.922	99	379314	18.653	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	228046	17.689	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	317044	19.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	321618	19.473	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	157106	20.824	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	176619	23.393	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	323415	20.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	431178	19.784	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	915921	20.223	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	1038569	19.218	ng/ul	0.00
54) 4-Nitrophenol-d4	14.599	143	138831	20.062	ng/ul	0.00
60) Fluorene-d10	15.387	176	766375	20.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	127691	20.036	ng/ul	0.02
73) Anthracene-d10	17.292	188	1084398	19.106	ng/ul	0.01
81) Pyrene-d10	19.675	212	1076586	19.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	1023061	19.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	41320	6.395	ng/uL	95
5) Pyridine	3.705	79	300899	17.263	ng/ul	97
6) Benzaldehyde	6.899	77	232457	22.604	ng/ul	97
8) Phenol	6.952	94	383095	18.474	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.175	93	309269	18.014	ng/ul	97
12) 2-Chlorophenol	7.311	128	314236	18.808	ng/ul	100
13) 2-Methylphenol	8.181	108	297758	18.714	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	440578	16.886	ng/ul	98
16) Acetophenone	8.558	105	484260	18.360	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.540	70	243583	17.374	ng/ul	100
18) 4-Methylphenol	8.511	108	321861	19.111	ng/ul	97
19) Hexachloroethane	8.799	117	130944	18.054	ng/ul	94
22) Nitrobenzene	8.928	77	368496	18.841	ng/ul	97
23) Isophorone	9.452	82	687354	17.737	ng/ul	98
25) 2-Nitrophenol	9.634	139	184540	22.633	ng/ul	95
26) 2,4-Dimethylphenol	9.693	107	356608	18.779	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	425859	18.473	ng/ul	99
29) 2,4-Dichlorophenol	10.158	162	313222	20.348	ng/ul	98
30) Naphthalene	10.552	128	1026192	18.762	ng/ul	100
32) 4-Chloroaniline	10.675	127	405128	19.307	ng/ul	100
33) Hexachlorobutadiene	10.828	225	224270	19.488	ng/ul	99
34) Caprolactam	11.463	113	97058	20.720	ng/ul	82
35) 4-Chloro-3-methylphenol	11.805	107	335979	19.768	ng/ul	97
36) 2-Methylnaphthalene	12.169	142	702122	19.164	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.399	142	714683	19.081	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	415016	19.928	ng/ul	99
40) Hexachlorocyclopentadiene	12.510	237	227772	17.572	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	260822	20.994	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	279647	21.703	ng/ul	97
43) 1,1'-Biphenyl	13.193	154	912355	18.728	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	736537	19.196	ng/ul	99
45) 2-Nitroaniline	13.446	65	209191	21.646	ng/ul	93
47) Dimethylphthalate	13.828	163	922709	20.000	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	186285	22.644	ng/ul	94
50) Acenaphthylene	14.087	152	1168051	19.134	ng/ul	99
51) 3-Nitroaniline	14.293	138	176942	23.142	ng/ul	97
52) Acenaphthene	14.440	153	762590	18.832	ng/ul	99
53) 2,4-Dinitrophenol	14.499	184	101573	23.803	ng/ul	97
55) 4-Nitrophenol	14.616	109	114629	18.511	ng/ul	98
56) Dibenzofuran	14.787	168	1052309	19.285	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	259341	22.838	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.022	232	231490	21.752	ng/ul#	94
59) Diethylphthalate	15.216	149	906610	19.922	ng/ul	98
61) Fluorene	15.451	166	854331	19.486	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.446	204	455042	19.889	ng/ul	95
63) 4-Nitroaniline	15.475	138	167699	23.110	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.540	198	136994	20.066	ng/ul#	89
67) N-Nitrosodiphenylamine	15.663	169	725076	19.441	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	286684	20.323	ng/ul	98
69) Hexachlorobenzene	16.469	284	317044	20.078	ng/ul	97
70) Atrazine	16.645	200	274340	20.865	ng/ul	97
71) Pentachlorophenol	16.828	266	181624	19.978	ng/ul	100
72) Phenanthrene	17.234	178	1245975	18.814	ng/ul	99
74) Anthracene	17.328	178	1277048	18.747	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	404047	19.682	ng/uL	98
76) Pentachlorobenzene	14.693	250	393625	20.118	ng/uL	99
77) Carbazole	17.610	167	1068715	19.010	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1478542	20.249	ng/ul	100
80) Fluoranthene	19.322	202	1285763	19.378	ng/ul	99
82) Pyrene	19.704	202	1313133	19.297	ng/ul	98
83) Butylbenzylphthalate	20.657	149	551169	21.813	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	379628	18.990	ng/ul	98
85) Benzo(a)anthracene	21.622	228	1197237	18.891	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	807328	20.578	ng/ul	99
87) Chrysene	21.692	228	1120118	18.698	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	1297345	18.422	ng/ul	100
90) Benzo(b)fluoranthene	23.939	252	1226890	18.461	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	1224251	18.211	ng/ul	98
93) Benzo(a)pyrene	24.863	252	1188243	18.940	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1465505	18.212	ng/ul	98
95) Dibenzo(a,h)anthracene	28.910	278	1223303	18.497	ng/ul	99
96) Benzo(g,h,i)perylene	30.015	276	1204206	18.329	ng/ul	96

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

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