Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007641.D
Acq On : 25 Oct 2021 13:52
Operator : CG/JU
Sample : SSTD02031
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020631

Quant Time: Oct 25 14:37:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 14:35:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	233513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	901254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	574276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1223304	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1309631	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1429776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	33383	5.646	ng/uL	0.00
4) Pyridine-d5	3.787	84	247154	15.271	ng/ul	0.00
7) Phenol-d5	7.105	99	276299	15.151	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	157577	14.488	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	225069	15.689	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	219476	15.625	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	99928	17.520	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	109374	20.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	223291	17.184	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	285024	16.220	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	630001	15.857	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	786812	15.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	109591	17.190	ng/ul	0.00
60) Fluorene-d10	15.575	176	535858	16.117	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	93664	19.108	ng/ul	0.00
73) Anthracene-d10	17.434	188	839427	16.158	ng/ul	0.00
81) Pyrene-d10	19.663	212	1003248	15.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1137288	15.986	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	37237	5.790	ng/uL	88
5) Pyridine	3.805	79	242553	15.496	ng/ul	99
6) Benzaldehyde	7.075	77	178423	17.414	ng/ul	98
8) Phenol	7.134	94	283859	15.224	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	227180	15.098	ng/ul	98
12) 2-Chlorophenol	7.505	128	229484	15.581	ng/ul	97
13) 2-Methylphenol	8.387	108	212912	15.160	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	255601	13.330	ng/ul	98
16) Acetophenone	8.763	105	339143	15.783	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	162473	14.615	ng/ul	93
18) 4-Methylphenol	8.716	108	228658	15.286	ng/ul	95
19) Hexachloroethane	9.028	117	93934	15.233	ng/ul	95
22) Nitrobenzene	9.140	77	242371	16.551	ng/ul	98
23) Isophorone	9.675	82	454367	14.821	ng/ul	96
25) 2-Nitrophenol	9.857	139	120184	19.462	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	258077	16.368	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.157	93	290469	15.291	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	219852	17.214	ng/ul	96
30) Naphthalene	10.799	128	696130	15.882	ng/ul	99
32) 4-Chloroaniline	10.904	127	295257	16.606	ng/ul	99
33) Hexachlorobutadiene	11.093	225	159012	17.733	ng/ul	98
34) Caprolactam	11.669	113	64583	19.277	ng/ul	85
35) 4-Chloro-3-methylphenol	12.034	107	225403	16.246	ng/ul	98
36) 2-Methylnaphthalene	12.404	142	480239	16.031	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	485202	16.000	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	286931	17.285	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	162398	15.515	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	178705	18.308	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	191121	18.807	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	645534	15.771	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	503795	15.980	ng/ul	99
45) 2-Nitroaniline	13.651	65	124077	16.928	ng/ul	90
47) Dimethylphthalate	14.034	163	630656	15.981	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	117725	17.989	ng/ul	92
50) Acenaphthylene	14.298	152	797927	15.850	ng/ul	100
51) 3-Nitroaniline	14.475	138	125195	17.169	ng/ul	99
52) Acenaphthene	14.640	153	516741	15.851	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	60913	20.150	ng/ul	96
55) 4-Nitrophenol	14.787	109	96047	16.676	ng/ul	95
56) Dibenzofuran	14.981	168	761622	16.090	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	173620	18.889	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.204	232	153838	18.243	ng/ul	97
59) Diethylphthalate	15.404	149	611794	15.548	ng/ul	98
61) Fluorene	15.628	166	596139	16.623	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.622	204	313890	17.190	ng/ul	98
63) 4-Nitroaniline	15.640	138	126111	19.509	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	96546	19.041	ng/ul	98
67) N-Nitrosodiphenylamine	15.834	169	528205	16.038	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	197174	17.893	ng/ul	95
69) Hexachlorobenzene	16.639	284	228020	17.202	ng/ul	96
70) Atrazine	16.792	200	207080	16.609	ng/ul	99
71) Pentachlorophenol	16.987	266	123902	16.886	ng/ul	97
72) Phenanthrene	17.375	178	975279	15.948	ng/ul	99
74) Anthracene	17.469	178	979354	16.012	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	299772	16.895	ng/uL	98
76) Pentachlorobenzene	14.898	250	282992	17.110	ng/uL	100
77) Carbazole	17.734	167	894597	16.651	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1047526	15.871	ng/ul	99
80) Fluoranthene	19.339	202	1231252	15.157	ng/ul	98
82) Pyrene	19.692	202	1239836	15.135	ng/ul	98
83) Butylbenzylphthalate	20.569	149	483617	16.080	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	426657	17.123	ng/ul	99
85) Benzo(a)anthracene	21.404	228	1279303	15.899	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	730004	15.876	ng/ul	99
87) Chrysene	21.457	228	1230970	15.792	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1244364	15.424	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1353928	15.559	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1289232	15.889	ng/ul	98
93) Benzo(a)pyrene	23.763	252	1333022	16.014	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	1563821	16.217	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1337884	16.293	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	1335040	16.075	ng/ul	97

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

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