Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111022\
Data File : BP012609.D
Acq On : 10 Nov 2022 21:16
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020672

Quant Time: Nov 10 22:37:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 23:28:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	341337	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	1538512	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	985565	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2089912	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	2010924	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	1907754	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	65845	7.862	ng/uL	0.00
4) Pyridine-d5	3.640	84	459891	19.432	ng/ul	0.00
7) Phenol-d5	6.946	99	567347	19.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	347287	20.172	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	443599	20.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	455278	20.002	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	229777	20.185	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	253060	20.240	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	457928	20.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	657119	20.711	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1363722	20.075	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1578137	20.535	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	213484	19.959	ng/ul	-0.01
60) Fluorene-d10	15.410	176	1167979	20.277	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	227585	19.689	ng/ul	0.00
73) Anthracene-d10	17.275	188	1812837	19.975	ng/ul	0.00
81) Pyrene-d10	19.522	212	2087325	18.523	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.498	264	1841829	19.584	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	69791	7.801	ng/uL	99
5) Pyridine	3.664	79	453912	19.838	ng/ul	99
6) Benzaldehyde	6.911	77	299814	22.290	ng/ul	97
8) Phenol	6.975	94	596833	20.087	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.193	93	491603	20.483	ng/ul	99
12) 2-Chlorophenol	7.328	128	477504	20.106	ng/ul	98
13) 2-Methylphenol	8.216	108	459752	20.030	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	646085	20.567	ng/ul	99
16) Acetophenone	8.593	105	730036	20.984	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	368628	20.590	ng/ul	99
18) 4-Methylphenol	8.552	108	502837	20.610	ng/ul	98
19) Hexachloroethane	8.828	117	192234	20.082	ng/ul	96
22) Nitrobenzene	8.975	77	550339	20.137	ng/ul	99
23) Isophorone	9.499	82	1068979	20.183	ng/ul	99
25) 2-Nitrophenol	9.681	139	285531	20.466	ng/ul	97
26) 2,4-Dimethylphenol	9.746	107	557707	20.329	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.981	93	676038	20.040	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	470271	20.204	ng/ul	99
30) Naphthalene	10.610	128	1588244	19.945	ng/ul	100
32) 4-Chloroaniline	10.740	127	675608	20.718	ng/ul	99
33) Hexachlorobutadiene	10.881	225	303841	19.714	ng/ul	99
34) Caprolactam	11.540	113	142982	19.489	ng/ul	97
35) 4-Chloro-3-methylphenol	11.875	107	516940	20.287	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	1096056	20.013	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1099795	20.048	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.593	216	590029	20.033	ng/ul	98
40) Hexachlorocyclopentadiene	12.563	237	257514	17.974	ng/ul	98
41) 2,4,6-Trichlorophenol	12.846	196	382399	20.091	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	412006	20.488	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	1429761	20.163	ng/ul	100
44) 2-Chloronaphthalene	13.287	162	1128924	20.056	ng/ul	100
45) 2-Nitroaniline	13.510	65	317383	20.701	ng/ul	99
47) Dimethylphthalate	13.881	163	1432103	20.193	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	287397	20.629	ng/ul	97
50) Acenaphthylene	14.134	152	1728523	20.434	ng/ul	100
51) 3-Nitroaniline	14.345	138	283291	20.058	ng/ul	99
52) Acenaphthene	14.475	153	1202388	20.063	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	148714	18.490	ng/ul	98
55) 4-Nitrophenol	14.675	109	167558	19.311	ng/ul	97
56) Dibenzofuran	14.816	168	1639853	20.239	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	412190	21.374	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.051	232	358002	20.397	ng/ul	99
59) Diethylphthalate	15.245	149	1425964	20.251	ng/ul	99
61) Fluorene	15.469	166	1314795	20.328	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	663619	20.282	ng/ul	100
63) 4-Nitroaniline	15.510	138	254914	21.599	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	242770	20.151	ng/ul	97
67) N-Nitrosodiphenylamine	15.687	169	1165213	19.878	ng/ul	99
68) 4-Bromophenyl-phenylether	16.363	248	433317	19.441	ng/ul	98
69) Hexachlorobenzene	16.475	284	516974	19.484	ng/ul	98
70) Atrazine	16.651	200	425680	20.389	ng/ul	98
71) Pentachlorophenol	16.828	266	292698	19.644	ng/ul	99
72) Phenanthrene	17.222	178	2158923	19.834	ng/ul	99
74) Anthracene	17.310	178	2203945	19.781	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	591893	19.334	ng/uL	99
76) Pentachlorobenzene	14.728	250	635596	19.265	ng/uL	99
77) Carbazole	17.592	167	1994685	21.460	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2455550	19.653	ng/ul	100
80) Fluoranthene	19.192	202	2562510	18.414	ng/ul	99
82) Pyrene	19.551	202	2631614	18.550	ng/ul	99
83) Butylbenzylphthalate	20.427	149	1116082	19.585	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.204	252	854438	21.624	ng/ul	99
85) Benzo(a)anthracene	21.263	228	2517050	19.744	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.180	149	1596588	20.225	ng/ul	100
87) Chrysene	21.316	228	2406071	20.101	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	2637437	19.151	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2520284	19.714	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	2325197	19.084	ng/ul	99
93) Benzo(a)pyrene	23.545	252	2061548	19.645	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.115	276	2251837	18.686	ng/ul	99
95) Dibenzo(a,h)anthracene	26.127	278	2030033	18.570	ng/ul	99
96) Benzo(g,h,i)perylene	26.868	276	1958252	18.118	ng/ul	99

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

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