Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071123\
Data File : BP016187.D
Acq On : 11 Jul 2023 18:17
Operator : MA/JU
Sample : SSTD04098
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040642

Quant Time: Jul 12 01:18:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 12 00:24:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	172237	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	815386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	518395	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1150639	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1114895	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1297121	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	74046	15.467	ng/uL	0.00
4) Pyridine-d5	3.734	84	488897	40.513	ng/ul	0.00
7) Phenol-d5	7.146	99	652199	44.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	429557	47.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	500078	44.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	542071	46.562	ng/ul	-0.01
21) Nitrobenzene-d5	9.152	128	254769	40.884	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	290459	39.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	511264	39.448	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.951	131	729409	43.812	ng/ul	-0.01
46) Dimethylphthalate-d6	14.028	166	1640084	40.933	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1852380	41.126	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	226285	42.796	ng/ul	-0.02
60) Fluorene-d10	15.616	176	1346232	40.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.787	200	289175	40.865	ng/ul	-0.01
73) Anthracene-d10	17.486	188	2108364	40.114	ng/ul	0.00
81) Pyrene-d10	19.716	212	2511557	34.499	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	2640333	40.352	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	82852	16.082	ng/uL	97
5) Pyridine	3.752	79	521612	41.318	ng/ul	97
6) Benzaldehyde	7.116	77	445186	74.719	ng/ul	98
8) Phenol	7.169	94	697281	45.595	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	573020	47.094	ng/ul	97
12) 2-Chlorophenol	7.522	128	507695	42.957	ng/ul	98
13) 2-Methylphenol	8.428	108	529478	45.857	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	924602	55.636	ng/ul	98
16) Acetophenone	8.810	105	873430	45.640	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	501098	47.144	ng/ul	99
18) 4-Methylphenol	8.769	108	579056	46.676	ng/ul	98
19) Hexachloroethane	9.028	117	216946	39.744	ng/ul	99
22) Nitrobenzene	9.193	77	724663	41.411	ng/ul	98
23) Isophorone	9.716	82	1403223	41.903	ng/ul	100
25) 2-Nitrophenol	9.910	139	312143	40.440	ng/ul	100
26) 2,4-Dimethylphenol	9.969	107	652651	38.464	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	834659	44.152	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	504630	39.164	ng/ul	100
30) Naphthalene	10.828	128	1757974	39.660	ng/ul	99
32) 4-Chloroaniline	10.981	127	737899	42.660	ng/ul	99
33) Hexachlorobutadiene	11.093	225	310508	31.911	ng/ul	100
34) Caprolactam	11.793	113	189881m	48.177	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	608694	40.358	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	1188507	40.730	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1211708	40.706	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.816	216	621223	36.365	ng/ul	97
40) Hexachlorocyclopentadiene	12.769	237	213102	41.698	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	415996	38.532	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	434257	37.922	ng/ul	100
43) 1,1'-Biphenyl	13.451	154	1595502	38.858	ng/ul	100
44) 2-Chloronaphthalene	13.498	162	1253500	38.753	ng/ul	100
45) 2-Nitroaniline	13.740	65	445293	43.752	ng/ul	98
47) Dimethylphthalate	14.081	163	1644569	39.660	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	336717	40.031	ng/ul	96
50) Acenaphthylene	14.340	152	2118729	42.691	ng/ul	99
51) 3-Nitroaniline	14.575	138	331405	50.243	ng/ul	97
52) Acenaphthene	14.681	153	1382176	40.162	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	174832	39.177	ng/ul	99
55) 4-Nitrophenol	14.898	109	246663m	45.017	ng/ul	
56) Dibenzofuran	15.022	168	1876750	39.283	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	489978	42.747	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.263	232	381052	38.741	ng/ul	100
59) Diethylphthalate	15.434	149	1683600	40.121	ng/ul	99
61) Fluorene	15.669	166	1545404	39.880	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	749695	37.809	ng/ul	100
63) 4-Nitroaniline	15.751	138	298905	66.210	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	300153	41.923	ng/ul#	97
67) N-Nitrosodiphenylamine	15.881	169	1321552	38.366	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	465781	35.449	ng/ul	98
69) Hexachlorobenzene	16.681	284	541163	34.905	ng/ul	97
70) Atrazine	16.845	200	502150	38.083	ng/ul	98
71) Pentachlorophenol	17.045	266	267214	35.911	ng/ul	99
72) Phenanthrene	17.428	178	2474695	39.589	ng/ul	100
74) Anthracene	17.522	178	2539331	40.428	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	661034	35.306	ng/uL	98
76) Pentachlorobenzene	14.940	250	600939	31.801	ng/uL	100
77) Carbazole	17.810	167	2303928	43.519	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2986684	42.555	ng/ul	100
80) Fluoranthene	19.392	202	2944734	32.547	ng/ul	99
82) Pyrene	19.751	202	3106385	33.658	ng/ul	99
83) Butylbenzylphthalate	20.598	149	1401740	37.228	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	1055383	41.875	ng/ul	98
85) Benzo(a)anthracene	21.463	228	3040105	38.763	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2077966	40.157	ng/ul	100
87) Chrysene	21.516	228	2986782	40.140	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	3630925	38.303	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	3095110	37.136	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	3243237	38.514	ng/ul	99
93) Benzo(a)pyrene	23.868	252	3040819	41.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	3642631	36.845	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	2976762	36.658	ng/ul	100
96) Benzo(g,h,i)perylene	27.445	276	2872619	35.319	ng/ul	99

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

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