Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018707.D
Acq On : 08 Dec 2023 12:06
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020717

Quant Time: Dec 08 12:34:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	169300	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	640934	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	414431	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1014950	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1179857	20.000	ng/ul	# 0.00
88) Perylene-d12	23.680	264	1401515	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	40178	8.087	ng/uL	0.00
4) Pyridine-d5	3.681	84	263221	19.780	ng/ul	0.00
7) Phenol-d5	7.011	99	308956	18.185	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	177951	17.672	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	243847	18.394	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	238432	17.341	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	113287	19.859	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.722	143	120069	20.302	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.263	165	248098	20.515	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	319087	20.189	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	703247	19.013	ng/ul	-0.02
49) Acenaphthylene-d8	14.169	160	807506	19.826	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	140809	23.192	ng/ul	-0.01
60) Fluorene-d10	15.463	176	627169	20.200	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	112267	18.448	ng/ul	0.00
73) Anthracene-d10	17.322	188	1060179	19.869	ng/ul	0.00
81) Pyrene-d10	19.557	212	1404629	15.294	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1590783	19.467	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	42495	7.800	ng/uL	98
5) Pyridine	3.699	79	267365	19.895	ng/ul	99
6) Benzaldehyde	6.981	77	183971	20.973	ng/ul	98
8) Phenol	7.040	94	304157	18.255	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.275	93	240524	17.578	ng/ul	99
12) 2-Chlorophenol	7.405	128	245120	18.269	ng/ul	99
13) 2-Methylphenol	8.293	108	223389	17.513	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	282187	16.253	ng/ul	97
16) Acetophenone	8.669	105	362494	17.690	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	171005	15.170	ng/ul	100
18) 4-Methylphenol	8.616	108	241541	17.341	ng/ul	100
19) Hexachloroethane	8.922	117	104377	18.976	ng/ul	90
22) Nitrobenzene	9.046	77	274493	19.791	ng/ul	99
23) Isophorone	9.575	82	492189	17.405	ng/ul	99
25) 2-Nitrophenol	9.757	139	128907	20.357	ng/ul	94
26) 2,4-Dimethylphenol	9.822	107	239555	19.343	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.057	93	304199	17.039	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	239316	20.545	ng/ul	98
30) Naphthalene	10.687	128	749142	19.267	ng/ul	100
32) 4-Chloroaniline	10.804	127	303384	20.140	ng/ul	99
33) Hexachlorobutadiene	10.975	225	178388	22.866	ng/ul	97
34) Caprolactam	11.575	113	65786	18.418	ng/ul	95
35) 4-Chloro-3-methylphenol	11.928	107	248953	19.078	ng/ul	100
36) 2-Methylnaphthalene	12.298	142	506176	18.376	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	522671	18.789	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	324380	21.573	ng/ul	98
40) Hexachlorocyclopentadiene	12.646	237	161946	18.171	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	203091	20.996	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	219830	20.963	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	683094	19.058	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	558806	19.740	ng/ul	99
45) 2-Nitroaniline	13.557	65	151456	19.736	ng/ul	95
47) Dimethylphthalate	13.940	163	700119	19.229	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	138047	20.068	ng/ul	96
50) Acenaphthylene	14.192	152	891540	19.469	ng/ul	100
51) 3-Nitroaniline	14.381	138	149610	21.787	ng/ul	99
52) Acenaphthene	14.540	153	587232	19.395	ng/ul	98
53) 2,4-Dinitrophenol	14.587	184	71146	19.515	ng/ul	96
55) 4-Nitrophenol	14.692	109	124989	27.248	ng/ul	88
56) Dibenzofuran	14.875	168	836404	19.876	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	212377	21.948	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	199478	22.678	ng/ul	95
59) Diethylphthalate	15.298	149	687439	19.295	ng/ul	100
61) Fluorene	15.522	166	685345	20.582	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.522	204	357471	20.470	ng/ul	97
63) 4-Nitroaniline	15.545	138	164930	25.212	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.598	198	119721	18.400	ng/ul	99
67) N-Nitrosodiphenylamine	15.734	169	589868	17.539	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	242668	18.939	ng/ul	96
69) Hexachlorobenzene	16.522	284	299180	20.913	ng/ul	97
70) Atrazine	16.692	200	211746	21.177	ng/ul	98
71) Pentachlorophenol	16.869	266	194780	22.893	ng/ul	99
72) Phenanthrene	17.263	178	1186386	19.354	ng/ul	100
74) Anthracene	17.357	178	1205324	19.617	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	323445	18.431	ng/uL	99
76) Pentachlorobenzene	14.792	250	327387	18.991	ng/uL	99
77) Carbazole	17.628	167	1113840	22.745	ng/ul	100
78) Di-n-butylphthalate	18.186	149	1226127	18.804	ng/ul	99
80) Fluoranthene	19.233	202	1587665	14.625	ng/ul#	95
82) Pyrene	19.586	202	1670835	15.256	ng/ul#	93
83) Butylbenzylphthalate	20.463	149	621435	15.499	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	594049	20.719	ng/ul	98
85) Benzo(a)anthracene	21.292	228	1836524	19.177	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	900636	16.343	ng/ul	99
87) Chrysene	21.345	228	1691619	19.181	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	1608935	15.723	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	1961593	18.983	ng/ul	99
91) Benzo(k)fluoranthene	23.004	252	1816160	18.165	ng/ul	98
93) Benzo(a)pyrene	23.574	252	1805692	19.124	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.139	276	2313480	20.507	ng/ul	95
95) Dibenzo(a,h)anthracene	26.162	278	1914555	20.401	ng/ul#	96
96) Benzo(g,h,i)perylene	26.898	276	1870669	20.605	ng/ul#	95

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

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