Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018469.D
Acq On : 01 Dec 2023 10:30
Operator : MA/JU
Sample : SSTD01065
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD010631

Quant Time: Dec 01 15:06:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 13:16:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	334418	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1499083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1080355	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	2447204	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	2089272	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	1896015	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	36514	3.721	ng/uL	0.00
4) Pyridine-d5	3.693	84	260037	9.893	ng/ul	0.00
7) Phenol-d5	7.028	99	318446	9.489	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	199216	10.016	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	240783	9.195	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	259162	9.542	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	119032	8.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	118411	8.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	260217	9.200	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	393039	10.633	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	936755	9.715	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	988496	9.310	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	153111	9.674	ng/ul	0.00
60) Fluorene-d10	15.486	176	792546	9.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	118231	8.057	ng/ul	0.00
73) Anthracene-d10	17.339	188	1242293	9.656	ng/ul	0.00
81) Pyrene-d10	19.574	212	1422302	8.745	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1019998	9.226	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	39931	3.710	ng/uL	99
5) Pyridine	3.716	79	264545	9.966	ng/ul	97
6) Benzaldehyde	7.005	77	185762	10.721	ng/ul	98
8) Phenol	7.058	94	317490	9.647	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	270934	10.024	ng/ul	99
12) 2-Chlorophenol	7.428	128	241699	9.120	ng/ul	100
13) 2-Methylphenol	8.310	108	239224	9.494	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	351769	10.257	ng/ul	100
16) Acetophenone	8.693	105	424378	10.485	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	218141	9.797	ng/ul	99
18) 4-Methylphenol	8.640	108	268012	9.741	ng/ul	96
19) Hexachloroethane	8.946	117	99912	9.196	ng/ul	99
22) Nitrobenzene	9.069	77	300545	9.265	ng/ul	100
23) Isophorone	9.599	82	630177	9.528	ng/ul	99
25) 2-Nitrophenol	9.781	139	130230	8.793	ng/ul	99
26) 2,4-Dimethylphenol	9.840	107	269965	9.320	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	401962	9.626	ng/ul	98
29) 2,4-Dichlorophenol	10.310	162	254553	9.343	ng/ul	100
30) Naphthalene	10.716	128	866877	9.532	ng/ul	99
32) 4-Chloroaniline	10.828	127	380547	10.801	ng/ul	99
33) Hexachlorobutadiene	11.004	225	168460	9.232	ng/ul	99
34) Caprolactam	11.598	113	82359	9.862	ng/ul	97
35) 4-Chloro-3-methylphenol	11.945	107	294415	9.646	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	625591	9.710	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	634557	9.753	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	348730	8.897	ng/ul	100
40) Hexachlorocyclopentadiene	12.669	237	198730	8.554	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	221113	8.769	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	247665	9.060	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	870614	9.318	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	681030	9.229	ng/ul	98
45) 2-Nitroaniline	13.575	65	180324	9.014	ng/ul	97
47) Dimethylphthalate	13.957	163	918955	9.682	ng/ul	100
48) 2,6-Dinitrotoluene	14.075	165	161627	9.013	ng/ul	98
50) Acenaphthylene	14.216	152	1134642	9.505	ng/ul	99
51) 3-Nitroaniline	14.398	138	172363	9.629	ng/ul	98
52) Acenaphthene	14.557	153	753784	9.550	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	73374	7.720	ng/ul	98
55) 4-Nitrophenol	14.704	109	118541	9.913	ng/ul	99
56) Dibenzofuran	14.892	168	1069507	9.750	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	236380	9.371	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	214550	9.357	ng/ul	99
59) Diethylphthalate	15.322	149	917849	9.882	ng/ul	99
61) Fluorene	15.545	166	874780	10.078	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	449189	9.867	ng/ul	98
63) 4-Nitroaniline	15.563	138	171388	10.158	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.616	198	131407	8.376	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	756548	9.329	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	275933	8.931	ng/ul	97
69) Hexachlorobenzene	16.545	284	316618	9.179	ng/ul	99
70) Atrazine	16.710	200	264535	10.972	ng/ul	98
71) Pentachlorophenol	16.886	266	180469	8.797	ng/ul	98
72) Phenanthrene	17.286	178	1428015	9.662	ng/ul	99
74) Anthracene	17.375	178	1446095	9.761	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	354959	8.389	ng/uL	98
76) Pentachlorobenzene	14.810	250	364160	8.761	ng/uL	100
77) Carbazole	17.645	167	1285612	10.888	ng/ul	99
78) Di-n-butylphthalate	18.210	149	1586780	10.093	ng/ul	99
80) Fluoranthene	19.251	202	1665463	8.663	ng/ul	100
82) Pyrene	19.604	202	1727456	8.907	ng/ul	99
83) Butylbenzylphthalate	20.486	149	641911	9.041	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.251	252	479716	9.449	ng/ul	98
85) Benzo(a)anthracene	21.310	228	1602786	9.451	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	934351	9.575	ng/ul	100
87) Chrysene	21.363	228	1468326	9.402	ng/ul	100
89) Di-n-octyl phthalate	22.163	149	1418587	10.247	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1373509	9.825	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1292172	9.553	ng/ul	99
93) Benzo(a)pyrene	23.598	252	1189404	9.312	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.174	276	1180602	7.736	ng/ul	98
95) Dibenzo(a,h)anthracene	26.198	278	988092	7.783	ng/ul	99
96) Benzo(g,h,i)perylene	26.933	276	919268	7.485	ng/ul	99

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

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