Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018898.D
Acq On : 18 Dec 2023 10:06
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020732

Quant Time: Dec 18 21:37:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	225923	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.622	136	806604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	460140	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1043006	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1215548	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1432883	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	62189	9.380	ng/uL	0.00
4) Pyridine-d5	3.675	84	390464	21.988	ng/ul	0.00
7) Phenol-d5	6.993	99	438877	19.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	273603	20.361	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	344802	19.490	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	321195	17.505	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	145535	20.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	141426	19.001	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.245	165	315278	20.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	399543	20.088	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	813593	19.811	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	950669	21.023	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	135694	20.129	ng/ul	0.00
60) Fluorene-d10	15.451	176	739346	21.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	108973	17.425	ng/ul	0.00
73) Anthracene-d10	17.310	188	1202663	21.933	ng/ul	0.00
81) Pyrene-d10	19.551	212	1579414	16.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1755962	21.018	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	63896	8.789	ng/uL	97
5) Pyridine	3.693	79	402961	22.470	ng/ul	98
6) Benzaldehyde	6.969	77	248683	21.245	ng/ul	100
8) Phenol	7.022	94	447284	20.117	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.257	93	368062	20.157	ng/ul	99
12) 2-Chlorophenol	7.387	128	351812	19.649	ng/ul	98
13) 2-Methylphenol	8.269	108	313444	18.414	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	448357	19.352	ng/ul	99
16) Acetophenone	8.651	105	501409	18.337	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.640	70	227670	15.135	ng/ul	98
18) 4-Methylphenol	8.598	108	331591	17.840	ng/ul	98
19) Hexachloroethane	8.898	117	149656	20.389	ng/ul	95
22) Nitrobenzene	9.028	77	376681	21.581	ng/ul	98
23) Isophorone	9.557	82	607207	17.062	ng/ul	99
25) 2-Nitrophenol	9.740	139	159728	20.043	ng/ul	99
26) 2,4-Dimethylphenol	9.804	107	312860	20.073	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.040	93	433927	19.313	ng/ul	99
29) 2,4-Dichlorophenol	10.269	162	308715	21.059	ng/ul	99
30) Naphthalene	10.669	128	1059974	21.662	ng/ul	100
32) 4-Chloroaniline	10.787	127	383895	20.251	ng/ul	99
33) Hexachlorobutadiene	10.951	225	234743	23.910	ng/ul	100
34) Caprolactam	11.563	113	101359	22.549	ng/ul	99
35) 4-Chloro-3-methylphenol	11.916	107	291370	17.742	ng/ul	99
36) 2-Methylnaphthalene	12.281	142	680820	19.640	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	681156	19.457	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	405100	24.265	ng/ul	96
40) Hexachlorocyclopentadiene	12.628	237	186673	18.865	ng/ul	96
41) 2,4,6-Trichlorophenol	12.892	196	224039	20.861	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	245419	21.079	ng/ul	100
43) 1,1'-Biphenyl	13.292	154	887523	22.302	ng/ul	99
44) 2-Chloronaphthalene	13.333	162	711809	22.647	ng/ul	99
45) 2-Nitroaniline	13.545	65	158888	18.647	ng/ul	95
47) Dimethylphthalate	13.922	163	811310	20.069	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	141322	18.503	ng/ul	97
50) Acenaphthylene	14.180	152	1084316	21.327	ng/ul	100
51) 3-Nitroaniline	14.375	138	147489	19.345	ng/ul	98
52) Acenaphthene	14.522	153	724603	21.555	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	59726	14.755	ng/ul	96
55) 4-Nitrophenol	14.680	109	110089	21.616	ng/ul	96
56) Dibenzofuran	14.857	168	1025653	21.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	213465	19.869	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	206063	21.099	ng/ul	94
59) Diethylphthalate	15.286	149	783678	19.811	ng/ul	100
61) Fluorene	15.510	166	829153	22.428	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	434151	22.391	ng/ul	97
63) 4-Nitroaniline	15.533	138	153736	21.166	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	120878	18.079	ng/ul	93
67) N-Nitrosodiphenylamine	15.722	169	687597	19.895	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	265271	20.146	ng/ul	97
69) Hexachlorobenzene	16.510	284	316915	21.557	ng/ul	98
70) Atrazine	16.680	200	195530	19.029	ng/ul	99
71) Pentachlorophenol	16.857	266	182817	20.909	ng/ul	98
72) Phenanthrene	17.251	178	1376331	21.849	ng/ul	99
74) Anthracene	17.345	178	1406694	22.278	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	390636	21.660	ng/uL	99
76) Pentachlorobenzene	14.775	250	378359	21.358	ng/uL	99
77) Carbazole	17.621	167	1269149	25.220	ng/ul	99
78) Di-n-butylphthalate	18.174	149	1321847	19.726	ng/ul	99
80) Fluoranthene	19.227	202	1763783	15.770	ng/ul	98
82) Pyrene	19.580	202	1901982	16.857	ng/ul	95
83) Butylbenzylphthalate	20.457	149	621309	15.041	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	582808	19.730	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2053409	20.812	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	927081	16.329	ng/ul	100
87) Chrysene	21.345	228	1958600	21.557	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1639922	15.675	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2162564	20.470	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2120065	20.740	ng/ul	99
93) Benzo(a)pyrene	23.568	252	2045243	21.187	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.133	276	2517139	21.824	ng/ul	97
95) Dibenzo(a,h)anthracene	26.150	278	2060555	21.476	ng/ul	97
96) Benzo(g,h,i)perylene	26.886	276	2043393	22.014	ng/ul	97

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

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