Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019198.D
Acq On : 30 Dec 2023 10:35
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020732

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Quant Time: Jan 01 00:38:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	187896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	702635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	430094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	998156	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1110644	20.000	ng/ul	0.00
88) Perylene-d12	23.663	264	1320804	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	42814	7.782	ng/uL	0.00
4) Pyridine-d5	3.652	84	272801	19.756	ng/ul	0.00
7) Phenol-d5	6.975	99	324993	19.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	191892	19.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	260796	19.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	250979	19.132	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	118770	19.554	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	125450	19.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	258529	19.504	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.740	131	313633	19.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	713153	18.772	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	807273	19.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	126777	19.763	ng/ul	0.00
60) Fluorene-d10	15.434	176	631158	19.231	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.563	200	116443	17.795	ng/ul	-0.01
73) Anthracene-d10	17.298	188	1006936	19.317	ng/ul	0.00
81) Pyrene-d10	19.539	212	1302173	19.238	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.510	264	1440437	18.973	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	46751	7.729	ng/uL	97
5) Pyridine	3.675	79	280437	20.007	ng/ul	99
6) Benzaldehyde	6.940	77	158193	20.220	ng/ul	100
8) Phenol	6.999	94	326277	19.604	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	267043	19.831	ng/ul	98
12) 2-Chlorophenol	7.364	128	263254	18.935	ng/ul	99
13) 2-Methylphenol	8.252	108	237124	19.260	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	311686	19.621	ng/ul	99
16) Acetophenone	8.628	105	381041	19.394	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.611	70	176231	17.988	ng/ul	97
18) 4-Methylphenol	8.581	108	253072	19.096	ng/ul	97
19) Hexachloroethane	8.869	117	112690	19.324	ng/ul	95
22) Nitrobenzene	9.005	77	287116	19.349	ng/ul	98
23) Isophorone	9.528	82	498547	18.631	ng/ul	98
25) 2-Nitrophenol	9.710	139	136739	19.510	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	245236	19.875	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	332025	18.773	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	248601	19.192	ng/ul	100
30) Naphthalene	10.646	128	813845	19.211	ng/ul	100
32) 4-Chloroaniline	10.763	127	303435	19.395	ng/ul	100
33) Hexachlorobutadiene	10.922	225	194424	19.503	ng/ul	99
34) Caprolactam	11.546	113	61631	18.013	ng/ul	91
35) 4-Chloro-3-methylphenol	11.893	107	241572	18.998	ng/ul	98
36) 2-Methylnaphthalene	12.257	142	540574	18.926	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	541505	18.801	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	337987	19.081	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	174615	17.760	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	194608	18.409	ng/ul	99
42) 2,4,5-Trichlorophenol	12.946	196	214943	19.155	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	707448	18.856	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	576755	19.158	ng/ul	99
45) 2-Nitroaniline	13.528	65	139512	19.304	ng/ul	95
47) Dimethylphthalate	13.904	163	706449	18.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	133616	19.390	ng/ul	98
50) Acenaphthylene	14.163	152	904409	19.501	ng/ul	100
51) 3-Nitroaniline	14.357	138	134238	19.927	ng/ul	97
52) Acenaphthene	14.504	153	602804	19.178	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	67924	15.300	ng/ul	95
55) 4-Nitrophenol	14.669	109	100264	19.557	ng/ul	96
56) Dibenzofuran	14.840	168	866204	19.297	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	200963	19.830	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	183542	18.721	ng/ul	99
59) Diethylphthalate	15.275	149	679631	18.692	ng/ul	100
61) Fluorene	15.493	166	692135	19.265	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	372204	18.970	ng/ul	97
63) 4-Nitroaniline	15.522	138	141378m	20.859	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	127324	18.377	ng/ul	99
67) N-Nitrosodiphenylamine	15.710	169	586629	19.257	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	238813	19.249	ng/ul	98
69) Hexachlorobenzene	16.492	284	285394	18.824	ng/ul	95
70) Atrazine	16.669	200	130009	15.122	ng/ul	100
71) Pentachlorophenol	16.845	266	161770	18.173	ng/ul	96
72) Phenanthrene	17.239	178	1161971	19.209	ng/ul	99
74) Anthracene	17.334	178	1175841	19.526	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.234	216	332522	19.160	ng/uL	99
76) Pentachlorobenzene	14.757	250	329608	19.112	ng/uL	99
77) Carbazole	17.610	167	1059851	21.158	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1173436	18.889	ng/ul	100
80) Fluoranthene	19.216	202	1471716	18.948	ng/ul	100
82) Pyrene	19.569	202	1557815	19.143	ng/ul	100
83) Butylbenzylphthalate	20.457	149	540553	18.596	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	540660	19.460	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1674211	19.079	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	794448	18.560	ng/ul	99
87) Chrysene	21.339	228	1563818	19.111	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1377555	18.238	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1785512	19.246	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1693766	18.580	ng/ul	99
93) Benzo(a)pyrene	23.557	252	1669070	19.114	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.115	276	2112889	18.876	ng/ul	99
95) Dibenzo(a,h)anthracene	26.133	278	1761990	18.922	ng/ul	98
96) Benzo(g,h,i)perylene	26.868	276	1710472	19.068	ng/ul	98

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

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