Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014648.D
Acq On : 11 Apr 2023 10:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020671

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

Quant Time: Apr 11 22:59:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:21:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	140359	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	641867	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	431677	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	946651	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	696743	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	628267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	32304	8.925	ng/uL	0.00
4) Pyridine-d5	3.793	84	210665	22.712	ng/ul	0.00
7) Phenol-d5	7.140	99	274586	21.212	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	193354	23.281	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	207421	22.170	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	227671	21.804	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	108465	20.932	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	124296	20.949	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	226703	20.980	ng/ul	0.00
31) 4-Chloroaniline-d4	10.946	131	290676	20.422	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	725393	20.725	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	816717	21.029	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	101743	19.241	ng/ul	0.00
60) Fluorene-d10	15.622	176	611255	20.942	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	124107	17.817	ng/ul	0.00
73) Anthracene-d10	17.492	188	963258	21.026	ng/ul	0.00
81) Pyrene-d10	19.722	212	1045072	22.331	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	702963	21.060	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	34215	8.602	ng/uL	89
5) Pyridine	3.811	79	224554	23.134	ng/ul	93
6) Benzaldehyde	7.116	77	179438	27.888	ng/ul	94
8) Phenol	7.169	94	290087	21.603	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.399	93	240199	22.259	ng/ul	96
12) 2-Chlorophenol	7.534	128	213812	21.957	ng/ul	90
13) 2-Methylphenol	8.428	108	217373	21.706	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.505	45	361179	25.492	ng/ul	99
16) Acetophenone	8.811	105	389739	22.604	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.787	70	223934	24.041	ng/ul	92
18) 4-Methylphenol	8.758	108	243587	22.148	ng/ul	97
19) Hexachloroethane	9.058	117	99199	23.315	ng/ul	94
22) Nitrobenzene	9.193	77	327503	22.001	ng/ul	98
23) Isophorone	9.722	82	598684	21.818	ng/ul	98
25) 2-Nitrophenol	9.910	139	129377	20.658	ng/ul	93
26) 2,4-Dimethylphenol	9.969	107	301106	21.481	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.199	93	346896	21.086	ng/ul	98
29) 2,4-Dichlorophenol	10.446	162	220302	20.716	ng/ul	96
30) Naphthalene	10.846	128	755595	21.134	ng/ul	100
32) 4-Chloroaniline	10.969	127	304279	21.106	ng/ul	99
33) Hexachlorobutadiene	11.116	225	168795	20.035	ng/ul	95
34) Caprolactam	11.769	113	68402m	21.773	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	279825	21.393	ng/ul	99
36) 2-Methylnaphthalene	12.451	142	505794	20.875	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	509922	21.220	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	303050	19.690	ng/ul	97
40) Hexachlorocyclopentadiene	12.787	237	159357	15.988	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	191297	20.086	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	206360	20.353	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	710564	20.374	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	561849	20.375	ng/ul	100
45) 2-Nitroaniline	13.722	65	197017	23.070	ng/ul	92
47) Dimethylphthalate	14.087	163	728481	20.816	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	145702	21.310	ng/ul	95
50) Acenaphthylene	14.351	152	876143	21.183	ng/ul	99
51) 3-Nitroaniline	14.551	138	124574	20.337	ng/ul	94
52) Acenaphthene	14.693	153	614174	21.013	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	98553	22.258	ng/ul	93
55) 4-Nitrophenol	14.869	109	101763	19.500	ng/ul	93
56) Dibenzofuran	15.028	168	846385	20.599	ng/ul	95
57) 2,4-Dinitrotoluene	15.004	165	216556	22.329	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.263	232	187142	20.536	ng/ul	98
59) Diethylphthalate	15.445	149	757276	21.775	ng/ul	98
61) Fluorene	15.681	166	704901	21.166	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	365215	20.411	ng/ul	98
63) 4-Nitroaniline	15.722	138	107824	21.665	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	121811	18.045	ng/ul	94
67) N-Nitrosodiphenylamine	15.892	169	588865	19.993	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	225242	19.121	ng/ul	98
69) Hexachlorobenzene	16.687	284	262617	19.409	ng/ul	96
70) Atrazine	16.845	200	231519	21.593	ng/ul	99
71) Pentachlorophenol	17.045	266	141107	18.001	ng/ul	100
72) Phenanthrene	17.434	178	1102892	20.941	ng/ul	100
74) Anthracene	17.528	178	1134003	21.364	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.428	216	312276	18.740	ng/uL	100
76) Pentachlorobenzene	14.945	250	316323	19.025	ng/uL	99
77) Carbazole	17.804	167	939360	21.147	ng/ul	99
78) Di-n-butylphthalate	18.328	149	1286576	23.035	ng/ul	99
80) Fluoranthene	19.398	202	1245099	22.501	ng/ul	99
82) Pyrene	19.751	202	1267917	21.947	ng/ul	98
83) Butylbenzylphthalate	20.610	149	528121	26.539	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	282150	18.310	ng/ul	98
85) Benzo(a)anthracene	21.463	228	1036091	20.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	713317	26.214	ng/ul	100
87) Chrysene	21.522	228	984150	21.110	ng/ul	99
89) Di-n-octyl phthalate	22.322	149	1053922	25.850	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	887618	20.919	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	872308	21.167	ng/ul	99
93) Benzo(a)pyrene	23.869	252	781645	21.401	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.604	276	1034165	20.581	ng/ul	98
95) Dibenzo(a,h)anthracene	26.615	278	851994	20.252	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	855518	20.887	ng/ul	99

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

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