Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP020955.D
Acq On : 15 Jul 2024 11:28
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020686

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 15 12:26:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	160111	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	640894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	394922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	827977	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	874572	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1020805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	29339	8.339	ng/uL	0.00
4) Pyridine-d5	3.652	84	197155	19.355	ng/ul	0.00
7) Phenol-d5	6.893	99	229292	17.566	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	140891	17.810	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	196149	18.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	182236	16.809	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	90728	18.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	101653	17.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	189024	18.348	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	237575	17.407	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	512045	17.836	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	591141	18.338	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	67115	16.431	ng/ul	0.00
60) Fluorene-d10	15.322	176	431034	18.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	83658	16.699	ng/ul	0.00
73) Anthracene-d10	17.222	188	680369	18.501	ng/ul	0.00
81) Pyrene-d10	19.598	212	833921	15.423	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.604	264	938161	18.634	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	30334	7.839	ng/uL	99
5) Pyridine	3.676	79	200805	19.113	ng/ul	97
6) Benzaldehyde	6.858	77	133216	20.243	ng/ul	96
8) Phenol	6.917	94	231727	17.543	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.128	93	194692	17.843	ng/ul	98
12) 2-Chlorophenol	7.269	128	199498	18.508	ng/ul	98
13) 2-Methylphenol	8.134	108	179059	17.529	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	278880	17.690	ng/ul	97
16) Acetophenone	8.499	105	284033	16.975	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	143012	16.312	ng/ul	98
18) 4-Methylphenol	8.458	108	186694	17.059	ng/ul	97
19) Hexachloroethane	8.740	117	87142	17.990	ng/ul	96
22) Nitrobenzene	8.869	77	214275	17.969	ng/ul	99
23) Isophorone	9.393	82	393292	16.590	ng/ul	99
25) 2-Nitrophenol	9.575	139	109039	18.350	ng/ul	96
26) 2,4-Dimethylphenol	9.640	107	210400	17.956	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.863	93	247817	17.198	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	184851	18.206	ng/ul	98
30) Naphthalene	10.499	128	617686	18.323	ng/ul	100
32) 4-Chloroaniline	10.610	127	230040	17.651	ng/ul	99
33) Hexachlorobutadiene	10.757	225	140601	18.468	ng/ul	98
34) Caprolactam	11.422	113	52703m	16.850	ng/ul	
35) 4-Chloro-3-methylphenol	11.752	107	184046	16.676	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	402891	17.410	ng/ul	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	416782	17.512	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.475	216	242760	18.928	ng/ul	98
40) Hexachlorocyclopentadiene	12.446	237	90355	13.467	ng/ul	98
41) 2,4,6-Trichlorophenol	12.734	196	147109	18.152	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	152111	17.740	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	519405	17.996	ng/ul	100
44) 2-Chloronaphthalene	13.175	162	423219	18.368	ng/ul	98
45) 2-Nitroaniline	13.399	65	109986	17.262	ng/ul	97
47) Dimethylphthalate	13.757	163	515857	17.709	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	102802	17.652	ng/ul	98
50) Acenaphthylene	14.028	152	671597	18.401	ng/ul	99
51) 3-Nitroaniline	14.234	138	91503	18.055	ng/ul	97
52) Acenaphthene	14.369	153	437517	18.061	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	40993	13.403	ng/ul	97
55) 4-Nitrophenol	14.581	109	52205	15.712	ng/ul	95
56) Dibenzofuran	14.710	168	609725	18.380	ng/ul	96
57) 2,4-Dinitrotoluene	14.710	165	149357	18.682	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.945	232	130270	17.742	ng/ul#	98
59) Diethylphthalate	15.151	149	510046	17.520	ng/ul	99
61) Fluorene	15.375	166	491031	18.139	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	261102	17.775	ng/ul	95
63) 4-Nitroaniline	15.422	138	79674	18.984	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	90176	16.974	ng/ul	99
67) N-Nitrosodiphenylamine	15.593	169	418206	17.345	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	166300	17.136	ng/ul	96
69) Hexachlorobenzene	16.387	284	194523	17.481	ng/ul	98
70) Atrazine	16.575	200	166098	18.902	ng/ul	97
71) Pentachlorophenol	16.763	266	94806m	15.687	ng/ul	
72) Phenanthrene	17.163	178	784177	18.257	ng/ul	99
74) Anthracene	17.257	178	812467	18.555	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.081	216	235967	17.806	ng/uL	98
76) Pentachlorobenzene	14.634	250	226714	17.217	ng/uL	99
77) Carbazole	17.539	167	716797	20.025	ng/ul	99
78) Di-n-butylphthalate	18.116	149	907220	18.370	ng/ul	99
80) Fluoranthene	19.251	202	970070	14.856	ng/ul	99
82) Pyrene	19.628	202	1021026	15.366	ng/ul	99
83) Butylbenzylphthalate	20.569	149	433123	15.645	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.457	252	367684	18.399	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1089921	17.790	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	640708	16.082	ng/ul	99
87) Chrysene	21.598	228	1002560	17.611	ng/ul	99
89) Di-n-octyl phthalate	22.698	149	1113685	16.515	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	1119779	18.076	ng/ul	98
91) Benzo(k)fluoranthene	23.851	252	1157415	18.722	ng/ul	100
93) Benzo(a)pyrene	24.669	252	1105002	18.876	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.574	276	1430558m	18.965	ng/ul	
95) Dibenzo(a,h)anthracene	28.633	278	1170359	18.736	ng/ul	99
96) Benzo(g,h,i)perylene	29.727	276	1165441	18.971	ng/ul	98

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

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