Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016229.D
Acq On : 14 Jul 2023 16:48
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020660

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 00:06:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 14 23:53:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	132274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	637896	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	421669	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	978549	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	1061770	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1276511	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	29782	7.968	ng/uL	0.00
4) Pyridine-d5	3.740	84	180621	19.374	ng/ul	0.00
7) Phenol-d5	7.152	99	239910	20.080	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	155805	19.285	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	186639	21.640	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	197233	20.493	ng/ul	0.00
21) Nitrobenzene-d5	9.152	128	91255	20.736	ng/ul	0.00
24) 2-Nitrophenol-d4	9.881	143	105657	21.065	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	190827	21.970	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	274490	19.716	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	656572	20.412	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	752602	21.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	119242m	18.165	ng/ul	0.00
60) Fluorene-d10	15.610	176	570926	21.209	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	93799	16.605	ng/ul	0.00
73) Anthracene-d10	17.480	188	917842	21.443	ng/ul	0.00
81) Pyrene-d10	19.716	212	1154224	20.950	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	1329452	21.687	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	33360	8.136	ng/uL	91
5) Pyridine	3.758	79	187146	19.599	ng/ul	98
6) Benzaldehyde	7.122	77	165748m	22.218	ng/ul	
8) Phenol	7.181	94	263446	20.570	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	210996	20.257	ng/ul	98
12) 2-Chlorophenol	7.528	128	194999	21.791	ng/ul	100
13) 2-Methylphenol	8.434	108	199823	20.729	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	354026	20.944	ng/ul	99
16) Acetophenone	8.810	105	338625	21.336	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	187311	22.014	ng/ul	97
18) 4-Methylphenol	8.775	108	218075	20.688	ng/ul	95
19) Hexachloroethane	9.022	117	84671	20.755	ng/ul	97
22) Nitrobenzene	9.199	77	263321	20.594	ng/ul	98
23) Isophorone	9.710	82	522178	20.603	ng/ul	100
25) 2-Nitrophenol	9.916	139	114637	21.272	ng/ul	95
26) 2,4-Dimethylphenol	9.975	107	251383	21.212	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	304680	20.645	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	193835	21.703	ng/ul	96
30) Naphthalene	10.828	128	701331	20.950	ng/ul	99
32) 4-Chloroaniline	10.987	127	276982	20.003	ng/ul	100
33) Hexachlorobutadiene	11.081	225	126265	20.815	ng/ul	98
34) Caprolactam	11.793	113	69768m	21.578	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	238124	21.605	ng/ul	97
36) 2-Methylnaphthalene	12.445	142	481093	21.434	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	486167	21.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	253538	21.111	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	83442	17.699	ng/ul	95
41) 2,4,6-Trichlorophenol	13.075	196	159863	21.069	ng/ul	97
42) 2,4,5-Trichlorophenol	13.175	196	167660	20.784	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	642079	20.874	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	511012	21.146	ng/ul	99
45) 2-Nitroaniline	13.751	65	161991	20.569	ng/ul	99
47) Dimethylphthalate	14.075	163	672112	20.689	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	124502	20.328	ng/ul	94
50) Acenaphthylene	14.334	152	864343	21.349	ng/ul	99
51) 3-Nitroaniline	14.586	138	123320	19.828	ng/ul	97
52) Acenaphthene	14.675	153	578466	21.125	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	70056	16.343	ng/ul	99
55) 4-Nitrophenol	14.934	109	93285m	18.674	ng/ul	
56) Dibenzofuran	15.022	168	800508	21.463	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	194784	21.559	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.263	232	160095	21.868	ng/ul	99
59) Diethylphthalate	15.428	149	689562	20.411	ng/ul	99
61) Fluorene	15.663	166	658126	21.122	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	314373	20.862	ng/ul	98
63) 4-Nitroaniline	15.763	138	120529	21.101	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.810	198	99740	16.893	ng/ul	94
67) N-Nitrosodiphenylamine	15.881	169	549174	21.173	ng/ul	100
68) 4-Bromophenyl-phenylether	16.551	248	195803	21.055	ng/ul	98
69) Hexachlorobenzene	16.675	284	234337	20.925	ng/ul	99
70) Atrazine	16.839	200	202912	19.729	ng/ul	98
71) Pentachlorophenol	17.051	266	117781	20.973	ng/ul	95
72) Phenanthrene	17.416	178	1093741	21.452	ng/ul	100
74) Anthracene	17.516	178	1108414	21.635	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	272706	21.228	ng/uL	99
76) Pentachlorobenzene	14.939	250	254749	21.009	ng/uL	99
77) Carbazole	17.810	167	996910	21.342	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1231607	21.047	ng/ul	99
80) Fluoranthene	19.392	202	1341406	20.821	ng/ul	99
82) Pyrene	19.745	202	1434836	20.859	ng/ul	100
83) Butylbenzylphthalate	20.586	149	622736	20.992	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	460774	18.573	ng/ul	97
85) Benzo(a)anthracene	21.451	228	1487153	21.509	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	936555	21.134	ng/ul	100
87) Chrysene	21.510	228	1456117	20.789	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	1679140	21.000	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	1605846	22.023	ng/ul	99
91) Benzo(k)fluoranthene	23.245	252	1545980	20.834	ng/ul	99
93) Benzo(a)pyrene	23.851	252	1536768	21.275	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1758627	19.662	ng/ul	99
95) Dibenzo(a,h)anthracene	26.598	278	1462374	20.044	ng/ul	99
96) Benzo(g,h,i)perylene	27.427	276	1367938	19.160	ng/ul	99

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

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