Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010824\
Data File : BP019305.D
Acq On : 08 Jan 2024 20:42
Operator : MA/JU
Sample : SSTD08080
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080648

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/09/2024
Supervised By :mohammad ahmed 01/10/2024

Quant Time: Jan 09 02:53:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 01:51:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	134634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	544362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	381659	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	896126	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	889135	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	812378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	113570	28.810	ng/uL	0.00
4) Pyridine-d5	3.640	84	844032	85.304	ng/ul	0.00
7) Phenol-d5	6.981	99	1073057	88.876	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	618340	88.527	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	760261	78.108	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	851556	90.592	ng/ul	0.01
21) Nitrobenzene-d5	8.957	128	394437	83.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	475985	93.594	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	922684	89.847	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	1128036	89.302	ng/ul	0.01
46) Dimethylphthalate-d6	13.857	166	2789793	82.756	ng/ul	0.01
49) Acenaphthylene-d8	14.128	160	3013681	82.390	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	448739	78.829	ng/ul	0.02
60) Fluorene-d10	15.428	176	2288201	78.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	578954	98.550	ng/ul	0.01
73) Anthracene-d10	17.292	188	3783438	80.845	ng/ul	0.00
81) Pyrene-d10	19.533	212	4706229	86.851	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.498	264	3847767	82.401	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	119129	27.485	ng/uL	99
5) Pyridine	3.658	79	847210	84.355	ng/ul	96
6) Benzaldehyde	6.934	77	359483	64.126	ng/ul	97
8) Phenol	7.010	94	1073703	90.035	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.222	93	838634	86.914	ng/ul	98
12) 2-Chlorophenol	7.358	128	780492	78.345	ng/ul	98
13) 2-Methylphenol	8.252	108	807924	91.581	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	989062	86.893	ng/ul	100
16) Acetophenone	8.622	105	1332439	94.646	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	693797	98.831	ng/ul	98
18) 4-Methylphenol	8.593	108	857408	90.293	ng/ul	96
19) Hexachloroethane	8.852	117	337525	80.774	ng/ul	99
22) Nitrobenzene	9.005	77	1073274	93.357	ng/ul	96
23) Isophorone	9.534	82	2062628	99.494	ng/ul	99
25) 2-Nitrophenol	9.710	139	481718	88.714	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	1008454	105.492	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.010	93	1149360	83.882	ng/ul	99
29) 2,4-Dichlorophenol	10.246	162	890173	88.703	ng/ul	100
30) Naphthalene	10.634	128	2526717	76.986	ng/ul	100
32) 4-Chloroaniline	10.763	127	1110619	91.629	ng/ul	99
33) Hexachlorobutadiene	10.910	225	727645	94.215	ng/ul	99
34) Caprolactam	11.593	113	281986m	106.379	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	978084	99.285	ng/ul	95
36) 2-Methylnaphthalene	12.251	142	1830521	82.723	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1794287	80.408	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	1392648	88.598	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	887882	101.765	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	881404	93.959	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	950349	95.437	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	2571017	77.224	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	2099885	78.604	ng/ul	99
45) 2-Nitroaniline	13.534	65	655375	102.190	ng/ul	94
47) Dimethylphthalate	13.904	163	2774394	83.373	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	604007	98.778	ng/ul	96
50) Acenaphthylene	14.157	152	3278899	79.672	ng/ul	99
51) 3-Nitroaniline	14.363	138	474636	79.398	ng/ul	96
52) Acenaphthene	14.498	153	2154065	77.227	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	397110	100.804	ng/ul	92
55) 4-Nitrophenol	14.704	109	478136	105.098	ng/ul	94
56) Dibenzofuran	14.834	168	3001362	75.350	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	832507	92.573	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	859211	98.759	ng/ul	98
59) Diethylphthalate	15.269	149	2601011	80.615	ng/ul	100
61) Fluorene	15.487	166	2513748	78.846	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	1528698	87.802	ng/ul	97
63) 4-Nitroaniline	15.539	138	350191	58.224	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	603352	97.000	ng/ul#	94
67) N-Nitrosodiphenylamine	15.704	169	2138137	78.178	ng/ul	99
68) 4-Bromophenyl-phenylether	16.375	248	1024875	92.015	ng/ul	98
69) Hexachlorobenzene	16.492	284	1181960	86.834	ng/ul	97
70) Atrazine	16.669	200	944226	122.334	ng/ul	98
71) Pentachlorophenol	16.845	266	763634	95.554	ng/ul	99
72) Phenanthrene	17.233	178	4220283	77.712	ng/ul	99
74) Anthracene	17.328	178	4261809	78.828	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	1353868	86.891	ng/uL	99
76) Pentachlorobenzene	14.751	250	1307643	84.457	ng/uL	99
77) Carbazole	17.604	167	3593511	79.907	ng/ul	100
78) Di-n-butylphthalate	18.151	149	4455459	79.884	ng/ul	99
80) Fluoranthene	19.210	202	5451354	87.670	ng/ul	98
82) Pyrene	19.563	202	5560467	85.352	ng/ul	98
83) Butylbenzylphthalate	20.439	149	2018640	86.745	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.216	252	1592861	71.614	ng/ul	97
85) Benzo(a)anthracene	21.280	228	5748646	81.831	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2912070	84.983	ng/ul	98
87) Chrysene	21.333	228	5146468	78.564	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	4802067	103.368	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	5066092	88.782	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	4857990	86.640	ng/ul	99
93) Benzo(a)pyrene	23.551	252	4452797	82.908	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.109	276	4817788	69.976	ng/ul	99
95) Dibenzo(a,h)anthracene	26.121	278	4017436	70.143	ng/ul	99
96) Benzo(g,h,i)perylene	26.857	276	3727305	67.556	ng/ul	99

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

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