Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
Data File : BP016195.D
Acq On : 12 Jul 2023 10:46
Operator : MA/JU
Sample : SSTD04098
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 13 10:58:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 01:50:08 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040649

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	167652	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	784713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	512672	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1173671	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1192796	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1427140	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	76620	16.172	ng/uL	0.00
4) Pyridine-d5	3.728	84	499645	42.285	ng/ul	-0.01
7) Phenol-d5	7.140	99	635804	41.986	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.287	67	431662	42.156	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	486040	44.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	527650	43.254	ng/ul	-0.01
21) Nitrobenzene-d5	9.146	128	248450	46.277	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.875	143	282010	46.235	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.428	165	495455	46.637	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.946	131	719839	42.711	ng/ul	-0.02
46) Dimethylphthalate-d6	14.028	166	1621973	41.475	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	1818663	42.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	342495m	60.946	ng/ul	-0.02
60) Fluorene-d10	15.610	176	1332061	40.700	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	295910	43.902	ng/ul	-0.02
73) Anthracene-d10	17.480	188	2141033	41.704	ng/ul	0.00
81) Pyrene-d10	19.716	212	2626849	42.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	2966618	43.771	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	86162	17.230	ng/uL	95
5) Pyridine	3.752	79	510084	42.146	ng/ul	99
6) Benzaldehyde	7.116	77	435293	46.603	ng/ul	96
8) Phenol	7.169	94	686867	42.942	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	553975	41.963	ng/ul	96
12) 2-Chlorophenol	7.522	128	490807	43.274	ng/ul	98
13) 2-Methylphenol	8.428	108	510995	41.823	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.487	45	888077	41.469	ng/ul	99
16) Acetophenone	8.804	105	854643	42.486	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	477869	44.386	ng/ul	98
18) 4-Methylphenol	8.763	108	562051	42.068	ng/ul	98
19) Hexachloroethane	9.028	117	212473	41.092	ng/ul	99
22) Nitrobenzene	9.193	77	699893	45.570	ng/ul	99
23) Isophorone	9.716	82	1360442	44.258	ng/ul	99
25) 2-Nitrophenol	9.910	139	304363	46.300	ng/ul	99
26) 2,4-Dimethylphenol	9.963	107	624536	43.306	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	784772	44.201	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	494051	45.177	ng/ul	99
30) Naphthalene	10.828	128	1684571	40.907	ng/ul	100
32) 4-Chloroaniline	10.975	127	713757	41.903	ng/ul	99
33) Hexachlorobutadiene	11.087	225	305342	41.111	ng/ul	99
34) Caprolactam	11.787	113	191450m	49.008	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	604560	45.214	ng/ul	97
36) 2-Methylnaphthalene	12.445	142	1150182	41.656	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1174848	41.373	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	611253	41.863	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	208109	36.306	ng/ul	96
41) 2,4,6-Trichlorophenol	13.075	196	405955	44.119	ng/ul	97
42) 2,4,5-Trichlorophenol	13.163	196	440100	46.770	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	1551228	41.479	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1221762	41.582	ng/ul	99
45) 2-Nitroaniline	13.734	65	450863	47.314	ng/ul	94
47) Dimethylphthalate	14.075	163	1616690	40.931	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	336676	45.453	ng/ul	97
50) Acenaphthylene	14.339	152	2057699	41.803	ng/ul	100
51) 3-Nitroaniline	14.569	138	337996	44.698	ng/ul	94
52) Acenaphthene	14.675	153	1344158	40.374	ng/ul	98
53) 2,4-Dinitrophenol	14.810	184	182216	34.962	ng/ul	97
55) 4-Nitrophenol	14.898	109	256931m	50.138	ng/ul	
56) Dibenzofuran	15.022	168	1844292	40.670	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	496314	45.579	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.257	232	385582	43.320	ng/ul	98
59) Diethylphthalate	15.434	149	1690134	41.148	ng/ul	99
61) Fluorene	15.669	166	1529130	40.365	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	738488	40.307	ng/ul	98
63) 4-Nitroaniline	15.745	138	308093	45.538	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.798	198	309101	44.093	ng/ul	100
67) N-Nitrosodiphenylamine	15.881	169	1304732	41.940	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	468396	41.994	ng/ul	99
69) Hexachlorobenzene	16.681	284	548375	40.825	ng/ul	99
70) Atrazine	16.839	200	521474	42.272	ng/ul	98
71) Pentachlorophenol	17.045	266	283727	42.122	ng/ul	98
72) Phenanthrene	17.422	178	2498643	40.859	ng/ul	99
74) Anthracene	17.522	178	2564516	41.734	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	652391	42.488	ng/uL	99
76) Pentachlorobenzene	14.939	250	600738	41.305	ng/uL	99
77) Carbazole	17.810	167	2362901	42.175	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3050921	43.471	ng/ul	100
80) Fluoranthene	19.392	202	3068675	42.398	ng/ul	100
82) Pyrene	19.745	202	3243879	41.979	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1506247	45.197	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	1193313	42.817	ng/ul	99
85) Benzo(a)anthracene	21.457	228	3296514	42.441	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2221753	44.627	ng/ul	100
87) Chrysene	21.516	228	3205473	40.738	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	3940078	44.076	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	3552940	43.583	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	3457192	41.673	ng/ul	99
93) Benzo(a)pyrene	23.863	252	3427560	43.594	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	4297554	43.364	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	3531720	44.347	ng/ul	98
96) Benzo(g,h,i)perylene	27.433	276	3453703	44.172	ng/ul	99

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

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