Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061423\
Data File : BP015557.D
Acq On : 15 Jun 2023 15:53
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020752

Quant Time: Jun 15 23:00:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 15 05:36:46 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	137995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	645604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	428826	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	992146	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	966981	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1070332	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	25504	6.844	ng/uL	0.00
4) Pyridine-d5	3.846	84	195751	20.223	ng/ul	0.00
7) Phenol-d5	7.246	99	257488	20.254	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	152373	20.069	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	190084	20.623	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	213735	20.485	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	101452	20.016	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	121206	20.940	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	227277	21.525	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	310832	20.509	ng/ul	0.00
46) Dimethylphthalate-d6	14.133	166	692071	20.466	ng/ul	0.00
49) Acenaphthylene-d8	14.428	160	776076	20.989	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	106603	17.604	ng/ul	0.00
60) Fluorene-d10	15.722	176	587333	20.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	114286	18.183	ng/ul	0.00
73) Anthracene-d10	17.586	188	934382	20.699	ng/ul	0.00
81) Pyrene-d10	19.810	212	1117836	21.599	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1094472	20.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	27561	7.002	ng/uL	89
5) Pyridine	3.863	79	198624	19.793	ng/ul	94
6) Benzaldehyde	7.222	77	84526m	17.395	ng/ul	
8) Phenol	7.269	94	266408	20.312	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.504	93	205284	19.796	ng/ul	100
12) 2-Chlorophenol	7.646	128	201003	20.640	ng/ul	98
13) 2-Methylphenol	8.534	108	208364	20.648	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.610	45	278645	20.277	ng/ul	97
16) Acetophenone	8.922	105	351743	21.124	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.904	70	187330	20.844	ng/ul	99
18) 4-Methylphenol	8.869	108	231320	20.834	ng/ul	97
19) Hexachloroethane	9.175	117	84049	20.424	ng/ul	98
22) Nitrobenzene	9.310	77	280151	20.842	ng/ul	99
23) Isophorone	9.834	82	538056	19.996	ng/ul	99
25) 2-Nitrophenol	10.022	139	131279	21.006	ng/ul	99
26) 2,4-Dimethylphenol	10.081	107	274890	20.741	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.316	93	309485	19.783	ng/ul	99
29) 2,4-Dichlorophenol	10.563	162	223671	21.305	ng/ul	97
30) Naphthalene	10.963	128	706669	20.200	ng/ul	99
32) 4-Chloroaniline	11.081	127	321274	20.486	ng/ul	97
33) Hexachlorobutadiene	11.240	225	149559	21.124	ng/ul	98
34) Caprolactam	11.863	113	76713	19.411	ng/ul	92
35) 4-Chloro-3-methylphenol	12.198	107	266358	20.940	ng/ul	100
36) 2-Methylnaphthalene	12.563	142	496144	20.173	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	500951	20.230	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	288694	21.620	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	98771	18.045	ng/ul	97
41) 2,4,6-Trichlorophenol	13.169	196	195565	22.004	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	215336	22.234	ng/ul	100
43) 1,1'-Biphenyl	13.563	154	690944	20.835	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	543772	20.899	ng/ul	99
45) 2-Nitroaniline	13.822	65	184282	22.130	ng/ul	97
47) Dimethylphthalate	14.181	163	712739	20.414	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	151991	21.248	ng/ul	99
50) Acenaphthylene	14.457	152	851005	20.783	ng/ul	99
51) 3-Nitroaniline	14.645	138	112086	18.981	ng/ul	98
52) Acenaphthene	14.792	153	587339	20.751	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	91804	21.335	ng/ul	97
55) 4-Nitrophenol	14.951	109	107079	18.332	ng/ul	92
56) Dibenzofuran	15.128	168	831145	20.718	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	219978	20.909	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.357	232	193997	22.185	ng/ul	94
59) Diethylphthalate	15.539	149	736933	20.594	ng/ul	99
61) Fluorene	15.780	166	679083	20.765	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	342466	20.778	ng/ul	99
63) 4-Nitroaniline	15.810	138	94524	16.876	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.863	198	115995	18.095	ng/ul#	88
67) N-Nitrosodiphenylamine	15.986	169	584375	20.761	ng/ul	100
68) 4-Bromophenyl-phenylether	16.669	248	224405	21.142	ng/ul	98
69) Hexachlorobenzene	16.786	284	264934	21.160	ng/ul	99
70) Atrazine	16.939	200	239172	21.279	ng/ul	99
71) Pentachlorophenol	17.133	266	154005	21.762	ng/ul	99
72) Phenanthrene	17.533	178	1093324	20.535	ng/ul	100
74) Anthracene	17.622	178	1110422	20.555	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	297849	21.752	ng/uL	99
76) Pentachlorobenzene	15.045	250	305629	21.318	ng/uL	96
77) Carbazole	17.892	167	1007630	20.715	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1319379	21.378	ng/ul	99
80) Fluoranthene	19.486	202	1362673	21.615	ng/ul	98
82) Pyrene	19.839	202	1403560	21.520	ng/ul	97
83) Butylbenzylphthalate	20.692	149	660279	22.905	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	445889	19.518	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1402485	20.747	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	987841	23.184	ng/ul	99
87) Chrysene	21.610	228	1319382	20.649	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	1719299	24.441	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1427087	20.655	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	1365222	20.442	ng/ul	99
93) Benzo(a)pyrene	24.004	252	1213890	20.152	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	1460876	18.740	ng/ul	98
95) Dibenzo(a,h)anthracene	26.827	278	1208670	19.031	ng/ul	99
96) Benzo(g,h,i)perylene	27.639	276	1177203	18.324	ng/ul	99

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

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