Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015701.D
Acq On : 24 Jun 2023 10:39
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Jun 24 23:09:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020765

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/26/2023
Supervised By :mohammad ahmed
06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	155570	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	609065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	344501	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	691064	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	636925	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	760003	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	34624	8.241	ng/uL	0.00
4) Pyridine-d5	3.834	84	228525	20.941	ng/ul	0.00
7) Phenol-d5	7.240	99	273593	19.090	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	170176	19.882	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	212730	20.472	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	212984	18.107	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	105524	22.068	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	120840	22.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	210694	21.151	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	263344	18.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	571669	21.044	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	654053	22.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	70845	14.563	ng/ul	0.00
60) Fluorene-d10	15.722	176	461309	20.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	83620	19.100	ng/ul	0.00
73) Anthracene-d10	17.586	188	684718	21.777	ng/ul	0.00
81) Pyrene-d10	19.816	212	765838	22.466	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	804233	21.090	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	37286	8.402	ng/uL	89
5) Pyridine	3.858	79	237018	20.950	ng/ul	96
6) Benzaldehyde	7.216	77	96608	17.635	ng/ul	93
8) Phenol	7.269	94	285084	19.281	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.493	93	230401	19.708	ng/ul	99
12) 2-Chlorophenol	7.634	128	225876	20.574	ng/ul	98
13) 2-Methylphenol	8.534	108	216413	19.023	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	308235	19.896	ng/ul	97
16) Acetophenone	8.916	105	349874	18.638	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.893	70	191137	18.865	ng/ul	99
18) 4-Methylphenol	8.869	108	230828	18.441	ng/ul	96
19) Hexachloroethane	9.157	117	104964	22.625	ng/ul	98
22) Nitrobenzene	9.299	77	289021	22.792	ng/ul	97
23) Isophorone	9.828	82	523052	20.605	ng/ul	99
25) 2-Nitrophenol	10.016	139	126943	21.531	ng/ul	94
26) 2,4-Dimethylphenol	10.075	107	271686	21.729	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.304	93	301688	20.442	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	208907	21.093	ng/ul	96
30) Naphthalene	10.951	128	706404	21.403	ng/ul	99
32) 4-Chloroaniline	11.075	127	266657	18.024	ng/ul	98
33) Hexachlorobutadiene	11.222	225	156996	23.505	ng/ul	98
34) Caprolactam	11.863	113	60928	16.342	ng/ul	94
35) 4-Chloro-3-methylphenol	12.204	107	230957	19.246	ng/ul	97
36) 2-Methylnaphthalene	12.557	142	457952	19.738	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	456714	19.550	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.928	216	258694	24.115	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	63720	14.491	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	158787	22.239	ng/ul	97
42) 2,4,5-Trichlorophenol	13.251	196	173922	22.354	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	606684	22.772	ng/ul	100
44) 2-Chloronaphthalene	13.604	162	477943	22.865	ng/ul	99
45) 2-Nitroaniline	13.828	65	146430	21.889	ng/ul	95
47) Dimethylphthalate	14.181	163	592389	21.120	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	121866	21.207	ng/ul	99
50) Acenaphthylene	14.451	152	723919	22.007	ng/ul	99
51) 3-Nitroaniline	14.657	138	95544	20.141	ng/ul	97
52) Acenaphthene	14.792	153	497887	21.896	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	48136	13.925	ng/ul	96
55) 4-Nitrophenol	14.975	109	67412	14.366	ng/ul	91
56) Dibenzofuran	15.128	168	684666	21.244	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	162741	19.255	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.363	232	139735	19.891	ng/ul	99
59) Diethylphthalate	15.534	149	591610	20.580	ng/ul	98
61) Fluorene	15.775	166	541167	20.598	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	278567	21.038	ng/ul	97
63) 4-Nitroaniline	15.822	138	70136m	15.587	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.887	198	84734	18.977	ng/ul#	92
67) N-Nitrosodiphenylamine	15.981	169	452234	23.067	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	173154	23.420	ng/ul	98
69) Hexachlorobenzene	16.786	284	200261	22.963	ng/ul#	93
70) Atrazine	16.939	200	170912	21.831	ng/ul	98
71) Pentachlorophenol	17.145	266	93037	18.875	ng/ul	97
72) Phenanthrene	17.533	178	808103	21.790	ng/ul	99
74) Anthracene	17.622	178	817705	21.731	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	261095	27.375	ng/uL	99
76) Pentachlorobenzene	15.045	250	249093	24.944	ng/uL	97
77) Carbazole	17.898	167	708371	20.908	ng/ul	100
78) Di-n-butylphthalate	18.416	149	943597	21.951	ng/ul	99
80) Fluoranthene	19.492	202	935851	22.538	ng/ul	99
82) Pyrene	19.845	202	970060	22.581	ng/ul	99
83) Butylbenzylphthalate	20.698	149	428425	22.563	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	318363	21.157	ng/ul	99
85) Benzo(a)anthracene	21.563	228	967494	21.729	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	616732	21.975	ng/ul	99
87) Chrysene	21.622	228	906996	21.551	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1069058	21.403	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1013126	20.652	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1007096	21.237	ng/ul	99
93) Benzo(a)pyrene	24.027	252	901017	21.066	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.857	276	1229252	22.207	ng/ul	98
95) Dibenzo(a,h)anthracene	26.862	278	1023958	22.706	ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	1010932	22.161	ng/ul	98

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

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