Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012809.D
Acq On : 28 Nov 2022 10:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020681

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:36:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	419036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1874024	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1260555	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	2730941	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	2884027	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	2856162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	79575	8.138	ng/uL	0.00
4) Pyridine-d5	3.817	84	605294	20.684	ng/ul	0.00
7) Phenol-d5	7.163	99	706438	20.516	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	452168	21.311	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	541808	20.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	569390	20.524	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	247876	21.611	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	265030	21.761	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	593990	20.902	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	830216	21.335	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1805520	20.809	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2101323	20.756	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	315691	20.408	ng/ul	0.00
60) Fluorene-d10	15.645	176	1627512	21.418	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	251005	19.230	ng/ul	0.00
73) Anthracene-d10	17.504	188	2546908	21.187	ng/ul	0.00
81) Pyrene-d10	19.733	212	3042597	18.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2878909	20.521	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	86092	8.198	ng/uL	98
5) Pyridine	3.840	79	602269	21.033	ng/ul	99
6) Benzaldehyde	7.146	77	384305	22.858	ng/ul	97
8) Phenol	7.193	94	758793	21.016	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	618924	20.922	ng/ul	99
12) 2-Chlorophenol	7.575	128	601708	21.082	ng/ul	98
13) 2-Methylphenol	8.452	108	570744	20.339	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.552	45	900260	21.098	ng/ul	99
16) Acetophenone	8.840	105	973638	22.142	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	470993	21.744	ng/ul	98
18) 4-Methylphenol	8.781	108	642430	20.787	ng/ul	99
19) Hexachloroethane	9.105	117	222921	20.368	ng/ul	100
22) Nitrobenzene	9.222	77	657322	21.850	ng/ul	96
23) Isophorone	9.752	82	1335805	20.142	ng/ul	100
25) 2-Nitrophenol	9.940	139	321525	21.994	ng/ul	98
26) 2,4-Dimethylphenol	9.993	107	690546	21.258	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.234	93	836350	20.569	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	625871	21.260	ng/ul	99
30) Naphthalene	10.881	128	2085729	21.255	ng/ul	99
32) 4-Chloroaniline	10.987	127	872554	21.833	ng/ul	100
33) Hexachlorobutadiene	11.169	225	403854	20.597	ng/ul	99
34) Caprolactam	11.751	113	176744m	19.552	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	643573	21.589	ng/ul	99
36) 2-Methylnaphthalene	12.487	142	1432560	21.200	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1445655	21.346	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	821176	20.429	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	325437	16.802	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	517969	20.594	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	565029	20.898	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	1920454	20.914	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	1534391	20.887	ng/ul	99
45) 2-Nitroaniline	13.728	65	337696	23.495	ng/ul	94
47) Dimethylphthalate	14.104	163	1918058	21.089	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	313104	21.997	ng/ul	96
50) Acenaphthylene	14.375	152	2353530	21.260	ng/ul	99
51) 3-Nitroaniline	14.551	138	319921	19.407	ng/ul	98
52) Acenaphthene	14.716	153	1654354	21.227	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	148604	16.247	ng/ul	97
55) 4-Nitrophenol	14.845	109	243005	21.622	ng/ul	99
56) Dibenzofuran	15.051	168	2303943	21.447	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	473805	22.557	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.269	232	497848	21.363	ng/ul	96
59) Diethylphthalate	15.469	149	1857154	21.094	ng/ul	100
61) Fluorene	15.698	166	1920195	22.289	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	967524	21.646	ng/ul	99
63) 4-Nitroaniline	15.710	138	309579	22.034	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	279335	19.938	ng/ul	96
67) N-Nitrosodiphenylamine	15.904	169	1608472	20.724	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	471634	17.547	ng/ul	99
69) Hexachlorobenzene	16.704	284	693024	20.230	ng/ul	98
70) Atrazine	16.857	200	526921	19.787	ng/ul	98
71) Pentachlorophenol	17.051	266	403553	19.182	ng/ul	99
72) Phenanthrene	17.451	178	3111066	21.375	ng/ul	100
74) Anthracene	17.539	178	3121691	21.679	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	825453	19.551	ng/uL	99
76) Pentachlorobenzene	14.969	250	879704	20.044	ng/uL	99
77) Carbazole	17.804	167	2801949	23.002	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3023888	20.970	ng/ul	99
80) Fluoranthene	19.410	202	3652947	17.525	ng/ul	99
82) Pyrene	19.763	202	3886577	18.028	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1149271	22.781	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	1054096	19.903	ng/ul	99
85) Benzo(a)anthracene	21.480	228	3898563	19.544	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1741461	22.572	ng/ul	98
87) Chrysene	21.533	228	3662378	18.989	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	2718367	16.666	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	3786520	17.903	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	3923553	18.585	ng/ul	99
93) Benzo(a)pyrene	23.898	252	3392540	19.506	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.657	276	3698062	22.039	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	3299125	21.668	ng/ul	99
96) Benzo(g,h,i)perylene	27.456	276	3230870	22.386	ng/ul	99

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

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