Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008530.D
Acq On : 23 Dec 2021 18:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020730

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 24 04:12:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	572607	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	2371195	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1585008	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	3115986	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2198428	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2130270	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	91701	7.218	ng/uL	0.00
4) Pyridine-d5	3.758	84	666937	18.760	ng/ul	0.00
7) Phenol-d5	7.064	99	826023	18.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	500594	19.294	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	694312	19.107	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	671461	18.323	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	318229	18.966	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	317440	20.634	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	741557	19.636	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	963763	18.488	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	2136474	18.243	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	2762246	18.864	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	323145	17.407	ng/ul	0.00
60) Fluorene-d10	15.528	176	1815931	17.860	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	216761	15.803	ng/ul	0.00
73) Anthracene-d10	17.381	188	2639853	17.878	ng/ul	0.00
81) Pyrene-d10	19.610	212	2521523	19.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	2064708	18.832	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	89860m	6.543	ng/uL	
5) Pyridine	3.776	79	542389	14.869	ng/ul	99
6) Benzaldehyde	7.040	77	515575	19.801	ng/ul	96
8) Phenol	7.087	94	851499	18.142	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	668249	17.789	ng/ul	99
12) 2-Chlorophenol	7.469	128	702571	18.525	ng/ul	97
13) 2-Methylphenol	8.340	108	650751	17.894	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	771698	17.834	ng/ul	99
16) Acetophenone	8.722	105	1061004	18.717	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	525889	18.639	ng/ul	99
18) 4-Methylphenol	8.669	108	704934	18.106	ng/ul	98
19) Hexachloroethane	8.993	117	274667	17.790	ng/ul	99
22) Nitrobenzene	9.099	77	730123	18.859	ng/ul	99
23) Isophorone	9.628	82	1425760	17.560	ng/ul	99
25) 2-Nitrophenol	9.816	139	363940	20.556	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	770251	18.408	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	900246	17.739	ng/ul	100
29) 2,4-Dichlorophenol	10.352	162	721450	19.046	ng/ul	98
30) Naphthalene	10.758	128	2280422	18.169	ng/ul	99
32) 4-Chloroaniline	10.857	127	994418	18.812	ng/ul	97
33) Hexachlorobutadiene	11.057	225	481663	18.339	ng/ul	100
34) Caprolactam	11.610	113	214413	19.866	ng/ul	98
35) 4-Chloro-3-methylphenol	11.981	107	704010	18.957	ng/ul	98
36) 2-Methylnaphthalene	12.363	142	1724639	19.419	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1594069	17.630	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	930925	18.196	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	590233	17.239	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	580646	19.987	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	626571	19.819	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	2140496	17.421	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1727219	18.233	ng/ul	99
45) 2-Nitroaniline	13.604	65	373608	19.622	ng/ul	94
47) Dimethylphthalate	13.993	163	2113977	18.093	ng/ul	100
48) 2,6-Dinitrotoluene	14.099	165	448957	21.617	ng/ul	93
50) Acenaphthylene	14.257	152	2688006	17.940	ng/ul	99
51) 3-Nitroaniline	14.428	138	445790	20.829	ng/ul#	97
52) Acenaphthene	14.598	153	1778912	18.182	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	130261	14.859	ng/ul	98
55) 4-Nitrophenol	14.728	109	217399	16.844	ng/ul	97
56) Dibenzofuran	14.934	168	2572822	17.984	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	565723	19.687	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.157	232	511936	20.846	ng/ul	96
59) Diethylphthalate	15.357	149	2025353	17.747	ng/ul	99
61) Fluorene	15.581	166	2063006	18.100	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	1084781	17.942	ng/ul	97
63) 4-Nitroaniline	15.587	138	425287	21.680	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.651	198	230542	15.885	ng/ul	97
67) N-Nitrosodiphenylamine	15.787	169	1800113	18.891	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	665405	18.619	ng/ul	98
69) Hexachlorobenzene	16.592	284	754501	18.134	ng/ul	98
70) Atrazine	16.745	200	621773	17.196	ng/ul	98
71) Pentachlorophenol	16.928	266	357503	16.810	ng/ul	99
72) Phenanthrene	17.322	178	3098864	18.057	ng/ul	99
74) Anthracene	17.416	178	3127625	18.174	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	914931	17.309	ng/uL	99
76) Pentachlorobenzene	14.857	250	887015	18.280	ng/uL	99
77) Carbazole	17.681	167	2661994	18.153	ng/ul	99
78) Di-n-butylphthalate	18.245	149	3136668	18.319	ng/ul	100
80) Fluoranthene	19.286	202	3192373	20.382	ng/ul	98
82) Pyrene	19.639	202	3213616	20.362	ng/ul	96
83) Butylbenzylphthalate	20.516	149	1054862	19.720	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.280	252	987292	21.203	ng/ul	99
85) Benzo(a)anthracene	21.345	228	2568835	18.100	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1561302	19.230	ng/ul	99
87) Chrysene	21.398	228	2463887	17.980	ng/ul	100
89) Di-n-octyl phthalate	22.222	149	2404852	17.728	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2435792	17.255	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	2419363	17.758	ng/ul	100
93) Benzo(a)pyrene	23.686	252	2380520	17.617	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.327	276	2978882	19.991	ng/ul	97
95) Dibenzo(a,h)anthracene	26.345	278	2533300	19.593	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	2523266	20.488	ng/ul	99

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

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