Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP012976.D
Acq On : 08 Dec 2022 08:42
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020695

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 01:50:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	477527	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	2071742	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	1395853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	3176286	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	3213735	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	3604810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	88051	7.884	ng/uL	0.00
4) Pyridine-d5	3.781	84	623034	19.638	ng/ul	0.00
7) Phenol-d5	7.134	99	752410	19.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	478936	20.412	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	603828	19.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	617041	19.361	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	296523	19.480	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	333435	19.457	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	662902	19.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	961320	20.458	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	2132341	19.877	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	2373277	20.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	378051	19.591	ng/ul	0.00
60) Fluorene-d10	15.610	176	1834513	20.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	362702	17.745	ng/ul	0.00
73) Anthracene-d10	17.475	188	2900875	20.244	ng/ul	0.00
81) Pyrene-d10	19.704	212	3516779	19.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	3523234	19.609	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	91449	7.844	ng/uL	98
5) Pyridine	3.805	79	620483	19.678	ng/ul	99
6) Benzaldehyde	7.111	77	299116	19.640	ng/ul	98
8) Phenol	7.158	94	781348	19.868	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.393	93	649380	20.118	ng/ul	98
12) 2-Chlorophenol	7.540	128	625033	19.906	ng/ul	99
13) 2-Methylphenol	8.416	108	596006	19.439	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.516	45	916171	20.685	ng/ul	99
16) Acetophenone	8.805	105	1031821	21.115	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.793	70	515038	20.959	ng/ul	99
18) 4-Methylphenol	8.746	108	675458	19.890	ng/ul	97
19) Hexachloroethane	9.063	117	246686	19.660	ng/ul	95
22) Nitrobenzene	9.187	77	727480	20.367	ng/ul	98
23) Isophorone	9.716	82	1460658	20.224	ng/ul	98
25) 2-Nitrophenol	9.905	139	372537	20.064	ng/ul	98
26) 2,4-Dimethylphenol	9.958	107	744189	20.541	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.199	93	931935	20.180	ng/ul	100
29) 2,4-Dichlorophenol	10.434	162	657146	20.154	ng/ul	99
30) Naphthalene	10.846	128	2178705	20.108	ng/ul	99
32) 4-Chloroaniline	10.952	127	974015	20.946	ng/ul	100
33) Hexachlorobutadiene	11.128	225	430123	19.213	ng/ul	97
34) Caprolactam	11.734	113	209680m	18.860	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	681356	20.477	ng/ul	98
36) 2-Methylnaphthalene	12.446	142	1503264	20.224	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1548796	20.261	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	871725	19.395	ng/ul	98
40) Hexachlorocyclopentadiene	12.793	237	513099	17.542	ng/ul	99
41) 2,4,6-Trichlorophenol	13.051	196	564668	19.548	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	607745	19.587	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	2100484	20.036	ng/ul	100
44) 2-Chloronaphthalene	13.493	162	1635773	19.825	ng/ul	100
45) 2-Nitroaniline	13.699	65	412329	20.612	ng/ul	98
47) Dimethylphthalate	14.069	163	2126424	19.999	ng/ul	99
48) 2,6-Dinitrotoluene	14.193	165	394430	19.961	ng/ul	100
50) Acenaphthylene	14.340	152	2566532	20.252	ng/ul	100
51) 3-Nitroaniline	14.522	138	344741	18.476	ng/ul	99
52) Acenaphthene	14.681	153	1778719	20.254	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	211159	15.633	ng/ul	98
55) 4-Nitrophenol	14.822	109	273236	20.752	ng/ul	98
56) Dibenzofuran	15.016	168	2510460	20.106	ng/ul	99
57) 2,4-Dinitrotoluene	14.975	165	584840	20.376	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.240	232	558127	19.711	ng/ul	99
59) Diethylphthalate	15.434	149	2083692	20.159	ng/ul	100
61) Fluorene	15.669	166	2075859	20.730	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	1075191	20.303	ng/ul	98
63) 4-Nitroaniline	15.681	138	308779	18.807	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.740	198	366925	18.370	ng/ul	98
67) N-Nitrosodiphenylamine	15.875	169	1757862	19.962	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	664478	19.264	ng/ul	99
69) Hexachlorobenzene	16.675	284	803351	19.614	ng/ul	98
70) Atrazine	16.828	200	672624	19.601	ng/ul	99
71) Pentachlorophenol	17.016	266	456625	18.409	ng/ul	99
72) Phenanthrene	17.416	178	3390291	20.492	ng/ul	100
74) Anthracene	17.510	178	3427042	20.746	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	867833	19.150	ng/uL	99
76) Pentachlorobenzene	14.934	250	896561	19.405	ng/uL	99
77) Carbazole	17.775	167	3049995	21.924	ng/ul	99
78) Di-n-butylphthalate	18.316	149	3554005	20.982	ng/ul	100
80) Fluoranthene	19.375	202	4109828	19.630	ng/ul	99
82) Pyrene	19.728	202	4318999	19.998	ng/ul	98
83) Butylbenzylphthalate	20.592	149	1614045	19.345	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.369	252	1322244	18.212	ng/ul	99
85) Benzo(a)anthracene	21.439	228	4301258	20.161	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	2367316	20.114	ng/ul	99
87) Chrysene	21.498	228	4071491	20.180	ng/ul	100
89) Di-n-octyl phthalate	22.310	149	4051210	20.060	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	4444794	19.336	ng/ul	100
91) Benzo(k)fluoranthene	23.233	252	4423176	19.405	ng/ul	99
93) Benzo(a)pyrene	23.839	252	3959158	19.781	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.557	276	5244684	21.036	ng/ul	99
95) Dibenzo(a,h)anthracene	26.574	278	4364050	21.141	ng/ul	100
96) Benzo(g,h,i)perylene	27.363	276	4173883	20.853	ng/ul	99

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

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