Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
Data File : BP012475.D
Acq On : 03 Nov 2022 05:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020660

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2022
Supervised By :mohammad ahmed 11/03/2022

Quant Time: Nov 03 06:29:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 03 00:09:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	345448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1580119	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1039948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	2381296	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	2448666	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	2293978	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	58893	6.864	ng/uL	0.00
4) Pyridine-d5	3.652	84	436264	17.702	ng/ul	0.00
7) Phenol-d5	6.958	99	571838	18.456	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	332916	17.999	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	439729	19.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	471103	19.224	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	228086	22.259	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	256609	24.128	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	484246	21.010	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	682324	19.882	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1407900	19.777	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	1607861	19.764	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	283888	21.070	ng/ul	0.00
60) Fluorene-d10	15.434	176	1217870	19.981	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	234839	18.942	ng/ul	0.00
73) Anthracene-d10	17.298	188	2080212	20.274	ng/ul	0.00
81) Pyrene-d10	19.539	212	2481826	20.187	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2180684	19.455	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	61270	6.718	ng/uL	93
5) Pyridine	3.675	79	414093	17.097	ng/ul	98
6) Benzaldehyde	6.934	77	289724	19.827	ng/ul	99
8) Phenol	6.987	94	598308	18.572	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.216	93	469482	18.158	ng/ul	98
12) 2-Chlorophenol	7.346	128	469326	19.054	ng/ul	99
13) 2-Methylphenol	8.234	108	460758	18.598	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	600214	17.310	ng/ul	99
16) Acetophenone	8.616	105	729753	19.173	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	360581	19.679	ng/ul	98
18) 4-Methylphenol	8.569	108	519913	19.200	ng/ul	98
19) Hexachloroethane	8.852	117	178759	18.870	ng/ul	97
22) Nitrobenzene	8.993	77	536726	20.076	ng/ul	99
23) Isophorone	9.522	82	1052590	18.815	ng/ul	99
25) 2-Nitrophenol	9.705	139	288144	22.595	ng/ul	98
26) 2,4-Dimethylphenol	9.763	107	557898	19.924	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.005	93	667715	18.651	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	495120	20.693	ng/ul	98
30) Naphthalene	10.634	128	1578292	18.847	ng/ul	100
32) 4-Chloroaniline	10.757	127	700690	19.842	ng/ul	99
33) Hexachlorobutadiene	10.910	225	296735	19.934	ng/ul	98
34) Caprolactam	11.557	113	164080m	20.153	ng/ul	
35) 4-Chloro-3-methylphenol	11.887	107	543980	20.691	ng/ul	100
36) 2-Methylnaphthalene	12.246	142	1104271	19.234	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1100929	19.201	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	591658	19.369	ng/ul	100
40) Hexachlorocyclopentadiene	12.587	237	273050	19.321	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	407730	20.882	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	453546	21.297	ng/ul	98
43) 1,1'-Biphenyl	13.263	154	1446407	18.915	ng/ul	99
44) 2-Chloronaphthalene	13.304	162	1153229	19.192	ng/ul	98
45) 2-Nitroaniline	13.528	65	336069	24.130	ng/ul	98
47) Dimethylphthalate	13.898	163	1480575	19.740	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	305392	24.521	ng/ul	98
50) Acenaphthylene	14.157	152	1779181	19.501	ng/ul	99
51) 3-Nitroaniline	14.357	138	333975	21.901	ng/ul	100
52) Acenaphthene	14.498	153	1230872	19.197	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	165784	19.712	ng/ul	98
55) 4-Nitrophenol	14.675	109	222988	21.873	ng/ul	92
56) Dibenzofuran	14.834	168	1703543	19.462	ng/ul	99
57) 2,4-Dinitrotoluene	14.816	165	461641	24.610	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	402333	22.259	ng/ul	99
59) Diethylphthalate	15.263	149	1547388	21.202	ng/ul	99
61) Fluorene	15.487	166	1378244	19.816	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	686567	20.125	ng/ul	99
63) 4-Nitroaniline	15.528	138	359331m	26.082	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	249505	18.888	ng/ul	96
67) N-Nitrosodiphenylamine	15.704	169	1250856	18.650	ng/ul	99
68) 4-Bromophenyl-phenylether	16.381	248	466041	19.484	ng/ul	99
69) Hexachlorobenzene	16.492	284	573017	19.974	ng/ul	99
70) Atrazine	16.669	200	485669	20.904	ng/ul	99
71) Pentachlorophenol	16.845	266	342421	19.435	ng/ul	98
72) Phenanthrene	17.239	178	2418235	19.223	ng/ul	99
74) Anthracene	17.334	178	2493696	19.953	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	600082	17.616	ng/uL	100
76) Pentachlorobenzene	14.751	250	660893	18.373	ng/uL	99
77) Carbazole	17.610	167	2358711	21.190	ng/ul	100
78) Di-n-butylphthalate	18.157	149	2943162	22.760	ng/ul	99
80) Fluoranthene	19.210	202	3037346	20.010	ng/ul	99
82) Pyrene	19.563	202	3132444	19.924	ng/ul	99
83) Butylbenzylphthalate	20.439	149	1393987	23.782	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.216	252	868590	16.330	ng/ul	100
85) Benzo(a)anthracene	21.280	228	2994007	19.166	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	2045148	22.818	ng/ul	99
87) Chrysene	21.327	228	2822160	19.324	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	3391197	24.784	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	2978790	20.507	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	2715676	19.617	ng/ul	98
93) Benzo(a)pyrene	23.569	252	2433851	19.187	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.151	276	2740298	17.336	ng/ul	98
95) Dibenzo(a,h)anthracene	26.162	278	2472596	17.470	ng/ul	99
96) Benzo(g,h,i)perylene	26.910	276	2371787	16.974	ng/ul	99

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

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