Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016599.D
Acq On : 16 Aug 2023 11:51
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020686

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 17 00:57:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	346648	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.886	136	1641911	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1050810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	2380313	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	2293101	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	2558525	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	76186	8.351	ng/uL	0.00
4) Pyridine-d5	3.828	84	574458	20.697	ng/ul	0.00
7) Phenol-d5	7.187	99	663694	20.767	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	431557	20.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	497238	21.662	ng/ul	-0.01
15) 4-Methylphenol-d8	8.757	113	549239	21.614	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	257461	22.285	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	265934	24.236	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	492523	22.808	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	791916	21.374	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1617908	21.287	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1872794	21.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	340284	21.978	ng/ul	0.00
60) Fluorene-d10	15.698	176	1354743	20.908	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	242684	21.431	ng/ul	0.00
73) Anthracene-d10	17.574	188	2151982	20.901	ng/ul	0.00
81) Pyrene-d10	19.810	212	2570509	21.394	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2594410	21.159	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	83224	8.297	ng/uL	99
5) Pyridine	3.846	79	592407	20.572	ng/ul	99
6) Benzaldehyde	7.204	77	438968	24.918	ng/ul	96
8) Phenol	7.216	94	702847	20.577	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.481	93	576357	20.889	ng/ul	99
12) 2-Chlorophenol	7.604	128	510001	21.116	ng/ul	99
13) 2-Methylphenol	8.487	108	522859	21.074	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.569	45	801100m	20.832	ng/ul	
16) Acetophenone	8.898	105	897939	21.882	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.869	70	491114	22.315	ng/ul	99
18) 4-Methylphenol	8.822	108	586525	21.509	ng/ul	99
19) Hexachloroethane	9.128	117	210329	20.844	ng/ul	97
22) Nitrobenzene	9.292	77	688569	21.291	ng/ul	98
23) Isophorone	9.810	82	1381474	22.615	ng/ul	99
25) 2-Nitrophenol	9.998	139	297920	23.750	ng/ul	99
26) 2,4-Dimethylphenol	10.034	107	636358	21.518	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.292	93	824530	21.057	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	495117	22.285	ng/ul	97
30) Naphthalene	10.939	128	1767504	20.604	ng/ul	99
32) 4-Chloroaniline	11.063	127	787254	21.453	ng/ul	99
33) Hexachlorobutadiene	11.169	225	281918	21.050	ng/ul	100
34) Caprolactam	11.875	113	205569	23.783	ng/ul	98
35) 4-Chloro-3-methylphenol	12.157	107	622619	22.927	ng/ul	100
36) 2-Methylnaphthalene	12.539	142	1220273	21.236	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1227496	21.215	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.886	216	580984	20.671	ng/ul	98
40) Hexachlorocyclopentadiene	12.839	237	329595	19.273	ng/ul	97
41) 2,4,6-Trichlorophenol	13.133	196	404685	23.135	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	438493	23.126	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	1596654	20.442	ng/ul	99
44) 2-Chloronaphthalene	13.592	162	1247860	20.533	ng/ul	99
45) 2-Nitroaniline	13.816	65	429191	23.357	ng/ul	95
47) Dimethylphthalate	14.163	163	1638440	21.084	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	314344	23.354	ng/ul	99
50) Acenaphthylene	14.433	152	2142149	21.203	ng/ul	99
51) 3-Nitroaniline	14.639	138	348989	23.124	ng/ul	99
52) Acenaphthene	14.769	153	1382964	20.449	ng/ul	98
53) 2,4-Dinitrophenol	14.839	184	157550	21.026	ng/ul	94
55) 4-Nitrophenol	14.922	109	278744	22.145	ng/ul	98
56) Dibenzofuran	15.104	168	1880674	20.382	ng/ul	99
57) 2,4-Dinitrotoluene	15.086	165	475521	23.592	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	372994	23.479	ng/ul	97
59) Diethylphthalate	15.522	149	1697858	21.369	ng/ul	98
61) Fluorene	15.757	166	1576642	20.839	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	737132	20.755	ng/ul	97
63) 4-Nitroaniline	15.810	138	345767	23.940	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.833	198	272696	21.719	ng/ul	98
67) N-Nitrosodiphenylamine	15.969	169	1336459	20.713	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	446751	21.021	ng/ul	98
69) Hexachlorobenzene	16.733	284	516858	20.813	ng/ul	100
70) Atrazine	16.921	200	499533	21.520	ng/ul	98
71) Pentachlorophenol	17.098	266	343460	22.464	ng/ul	98
72) Phenanthrene	17.516	178	2551305	20.345	ng/ul	100
74) Anthracene	17.610	178	2620949	20.807	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	620809	20.523	ng/uL	96
76) Pentachlorobenzene	14.998	250	555932	20.482	ng/uL	99
77) Carbazole	17.886	167	2454575	21.145	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3139824	23.366	ng/ul	100
80) Fluoranthene	19.480	202	3067245	21.389	ng/ul	99
82) Pyrene	19.833	202	3200137	21.133	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1479440	24.252	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.492	252	1074380	21.516	ng/ul	100
85) Benzo(a)anthracene	21.557	228	3238341	21.013	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	2227827	25.164	ng/ul	99
87) Chrysene	21.615	228	2985630	20.703	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3734854	23.394	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3205482	21.041	ng/ul	99
91) Benzo(k)fluoranthene	23.409	252	3149719	20.841	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2972265	20.683	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.909	276	3414485	20.132	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	2833061	20.072	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	2663777	19.733	ng/ul	98

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

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