Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016849.D
Acq On : 30 Aug 2023 01:18
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020710

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 30 02:26:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	382819	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1724908	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1078052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2352859	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1981537	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1782045	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	68207	7.364	ng/uL	0.00
4) Pyridine-d5	3.811	84	507891	17.943	ng/ul	0.00
7) Phenol-d5	7.169	99	610659	17.939	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	393516	18.138	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	477743	18.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	499901	17.990	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	238604	18.295	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	244445	17.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	480229	18.738	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	709578	18.054	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1462363	17.987	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1733849	18.865	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	255448	15.202	ng/ul	0.00
60) Fluorene-d10	15.675	176	1273502	18.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	192352	13.728	ng/ul	0.00
73) Anthracene-d10	17.545	188	1967422	18.865	ng/ul	0.00
81) Pyrene-d10	19.774	212	2220748	20.406	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1647505	18.456	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	74333	7.369	ng/uL	96
5) Pyridine	3.834	79	533283	18.290	ng/ul	99
6) Benzaldehyde	7.181	77	394307	21.182	ng/ul	100
8) Phenol	7.193	94	643764	18.071	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.457	93	519899	18.080	ng/ul	99
12) 2-Chlorophenol	7.575	128	485079	18.542	ng/ul	99
13) 2-Methylphenol	8.463	108	483669	18.099	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	769018m	18.333	ng/ul	
16) Acetophenone	8.875	105	796507	18.485	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	418044	18.410	ng/ul	98
18) 4-Methylphenol	8.793	108	522256	17.947	ng/ul	97
19) Hexachloroethane	9.093	117	192686	17.702	ng/ul	99
22) Nitrobenzene	9.263	77	619753	18.523	ng/ul	99
23) Isophorone	9.781	82	1164791	17.924	ng/ul	100
25) 2-Nitrophenol	9.969	139	275115	18.099	ng/ul	100
26) 2,4-Dimethylphenol	10.004	107	561227	18.370	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	718209	17.914	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	485309	18.851	ng/ul	98
30) Naphthalene	10.904	128	1643010	18.388	ng/ul	99
32) 4-Chloroaniline	11.034	127	698317	18.080	ng/ul	99
33) Hexachlorobutadiene	11.134	225	284236	17.924	ng/ul	98
34) Caprolactam	11.851	113	157884	16.630	ng/ul	99
35) 4-Chloro-3-methylphenol	12.128	107	530787	18.386	ng/ul	99
36) 2-Methylnaphthalene	12.504	142	1145494	18.573	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1148489	18.466	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	570667	18.573	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	389657	17.245	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	381715	18.604	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	409462	18.442	ng/ul	98
43) 1,1'-Biphenyl	13.510	154	1496613	18.672	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1191620	18.832	ng/ul	99
45) 2-Nitroaniline	13.792	65	344225	17.938	ng/ul	98
47) Dimethylphthalate	14.139	163	1476808	17.936	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	283451	17.569	ng/ul	99
50) Acenaphthylene	14.404	152	1964212	18.672	ng/ul	99
51) 3-Nitroaniline	14.616	138	298070	17.742	ng/ul	99
52) Acenaphthene	14.739	153	1284648	18.460	ng/ul	100
53) 2,4-Dinitrophenol	14.816	184	153135	13.062	ng/ul	98
55) 4-Nitrophenol	14.898	109	195680	15.419	ng/ul	97
56) Dibenzofuran	15.075	168	1770315	18.540	ng/ul	100
57) 2,4-Dinitrotoluene	15.063	165	419058	17.646	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.292	232	337340	17.847	ng/ul	99
59) Diethylphthalate	15.492	149	1462567	17.485	ng/ul	99
61) Fluorene	15.728	166	1466744	18.364	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	709033	18.081	ng/ul	100
63) 4-Nitroaniline	15.786	138	282927	17.698	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.810	198	214408	14.193	ng/ul	95
67) N-Nitrosodiphenylamine	15.945	169	1220996	18.763	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	410959	18.218	ng/ul	97
69) Hexachlorobenzene	16.704	284	452374	17.911	ng/ul	98
70) Atrazine	16.898	200	443726	18.086	ng/ul	99
71) Pentachlorophenol	17.069	266	320574	17.098	ng/ul	99
72) Phenanthrene	17.486	178	2301497	18.580	ng/ul	100
74) Anthracene	17.580	178	2358335	18.830	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	607029	19.268	ng/uL	98
76) Pentachlorobenzene	14.969	250	521311	18.516	ng/uL	99
77) Carbazole	17.863	167	2115767	18.757	ng/ul	100
78) Di-n-butylphthalate	18.375	149	2551860	18.133	ng/ul	99
80) Fluoranthene	19.451	202	2665058	20.386	ng/ul	98
82) Pyrene	19.810	202	2765402	20.478	ng/ul	98
83) Butylbenzylphthalate	20.663	149	1138750	19.553	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.463	252	732502	17.295	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2568989	18.822	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	1688292	19.853	ng/ul	97
87) Chrysene	21.580	228	2317922	18.696	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	2789645	20.787	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2096572	18.424	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	2104106	18.696	ng/ul	99
93) Benzo(a)pyrene	23.992	252	1878404	18.249	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	1992135	18.940	ng/ul	100
95) Dibenzo(a,h)anthracene	26.862	278	1647019	18.853	ng/ul	98
96) Benzo(g,h,i)perylene	27.686	276	1558543	19.545	ng/ul	99

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

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