Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016146.D
Acq On : 09 Jul 2023 23:34
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020652

Quant Time: Jul 10 00:20:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	275426	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.828	136	1180336	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.657	164	722588	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.428	188	1528281	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.533	240	1196897	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	1136651	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	61763	8.068	ng/uL	0.00
4) Pyridine-d5	3.793	84	367065	19.022	ng/ul	-0.01
7) Phenol-d5	7.199	99	470158	19.951	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	313331	21.491	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.546	132	356939	20.065	ng/ul	-0.02
15) 4-Methylphenol-d8	8.752	113	358348	19.249	ng/ul	-0.02
21) Nitrobenzene-d5	9.205	128	176122	19.525	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.928	143	202968	19.279	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.493	165	352636	18.796	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	487038	20.209	ng/ul	-0.01
46) Dimethylphthalate-d6	14.075	166	1091303	19.540	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1263850	20.130	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.987	143	162107	21.995	ng/ul	0.02
60) Fluorene-d10	15.657	176	922363	20.057	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.851	200	145217	15.451	ng/ul	0.00
73) Anthracene-d10	17.534	188	1399536	20.048	ng/ul	-0.01
81) Pyrene-d10	19.769	212	1513776	19.369	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	1111389	19.383	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	67138	8.150	ng/uL	98
5) Pyridine	3.811	79	402336	19.930	ng/ul	98
6) Benzaldehyde	7.181	77	103866	10.902	ng/ul	97
8) Phenol	7.228	94	502475	20.547	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.434	93	411203	21.134	ng/ul	97
12) 2-Chlorophenol	7.575	128	386989	20.476	ng/ul	97
13) 2-Methylphenol	8.481	108	384727	20.837	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	641920	24.155	ng/ul	99
16) Acetophenone	8.863	105	638792	20.874	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.828	70	349154	20.542	ng/ul	98
18) 4-Methylphenol	8.822	108	412375	20.787	ng/ul	99
19) Hexachloroethane	9.075	117	176450	20.215	ng/ul	90
22) Nitrobenzene	9.246	77	512250	20.222	ng/ul	98
23) Isophorone	9.763	82	963679	19.880	ng/ul	98
25) 2-Nitrophenol	9.963	139	217946	19.506	ng/ul	97
26) 2,4-Dimethylphenol	10.028	107	470789	19.167	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.246	93	573503	20.957	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	361180	19.364	ng/ul	98
30) Naphthalene	10.881	128	1301096	20.277	ng/ul	100
32) 4-Chloroaniline	11.034	127	521164	20.814	ng/ul	98
33) Hexachlorobutadiene	11.140	225	241657	17.156	ng/ul	98
34) Caprolactam	11.852	113	114596	20.086	ng/ul	93
35) 4-Chloro-3-methylphenol	12.169	107	416549	19.079	ng/ul	99
36) 2-Methylnaphthalene	12.499	142	840275	19.893	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	863165	20.031	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	457186	19.200	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	107308	15.064	ng/ul	96
41) 2,4,6-Trichlorophenol	13.128	196	283011	18.807	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	297168	18.617	ng/ul	93
43) 1,1'-Biphenyl	13.493	154	1143474	19.979	ng/ul#	97
44) 2-Chloronaphthalene	13.546	162	895549	19.863	ng/ul	99
45) 2-Nitroaniline	13.793	65	289909	20.435	ng/ul	96
47) Dimethylphthalate	14.122	163	1131348	19.573	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	228160	19.460	ng/ul	98
50) Acenaphthylene	14.387	152	1414484	20.447	ng/ul	100
51) 3-Nitroaniline	14.646	138	137259	14.929	ng/ul#	89
52) Acenaphthene	14.722	153	975403	20.333	ng/ul	98
53) 2,4-Dinitrophenol	14.893	184	70929	11.403	ng/ul#	87
55) 4-Nitrophenol	14.987	109	108998	14.271	ng/ul#	72
56) Dibenzofuran	15.069	168	1338396	20.098	ng/ul	100
57) 2,4-Dinitrotoluene	15.093	165	320514	20.061	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.316	232	253770	18.510	ng/ul	97
59) Diethylphthalate	15.475	149	1156161	19.766	ng/ul	99
61) Fluorene	15.716	166	1087385	20.131	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	528557	19.124	ng/ul	97
63) 4-Nitroaniline	15.834	138	85895	13.650	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.869	198	151046	15.884	ng/ul#	94
67) N-Nitrosodiphenylamine	15.928	169	899641	19.664	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	322530	18.481	ng/ul	89
69) Hexachlorobenzene	16.728	284	376920	18.304	ng/ul	95
70) Atrazine	16.887	200	317385	18.123	ng/ul	97
71) Pentachlorophenol	17.110	266	150391	15.217	ng/ul	94
72) Phenanthrene	17.469	178	1681902	20.258	ng/ul	100
74) Anthracene	17.569	178	1694900	20.316	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	464139	18.664	ng/uL	99
76) Pentachlorobenzene	14.987	250	459733	18.317	ng/uL	97
77) Carbazole	17.863	167	1463708	20.816	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1963513	21.063	ng/ul	99
80) Fluoranthene	19.445	202	1868684	19.239	ng/ul#	95
82) Pyrene	19.798	202	1933432	19.514	ng/ul#	90
83) Butylbenzylphthalate	20.639	149	828060	20.485	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	460519	17.021	ng/ul	99
85) Benzo(a)anthracene	21.510	228	1615138	19.183	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1164533	20.963	ng/ul	99
87) Chrysene	21.575	228	1664555	20.838	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	1832459	22.060	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1447989	19.826	ng/ul#	98
91) Benzo(k)fluoranthene	23.339	252	1466734	19.877	ng/ul#	97
93) Benzo(a)pyrene	23.957	252	1276722	20.006	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.763	276	1480565	17.090	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.763	278	1207686	16.972	ng/ul#	95
96) Benzo(g,h,i)perylene	27.615	276	1185121	16.628	ng/ul	97

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

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