Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017237.D
Acq On : 20 Sep 2023 14:00
Operator : MA/JU
Sample : SSTD16059
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160622

Quant Time: Sep 20 14:30:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 13:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	158622	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	630093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	354176	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	734125	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	675380	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	791573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	234153	59.557	ng/uL	0.00
4) Pyridine-d5	3.734	84	1658962	150.129	ng/ul	0.00
7) Phenol-d5	7.105	99	2031928	154.115	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	1175348	143.579	ng/ul	0.01
11) 2-Chlorophenol-d4	7.469	132	1662401	158.602	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	1587611	147.509	ng/ul	0.02
21) Nitrobenzene-d5	9.151	128	800712	177.025	ng/ul	0.01
24) 2-Nitrophenol-d4	9.863	143	906018	186.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1561640	167.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	2111759	150.966	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	4009238	155.424	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	4748796	161.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	769876	157.319	ng/ul	0.02
60) Fluorene-d10	15.604	176	3374787	150.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	750639	179.786	ng/ul	0.01
73) Anthracene-d10	17.480	188	5119254	159.276	ng/ul	0.00
81) Pyrene-d10	19.721	212	5815372	161.019	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.857	264	6305849	164.855	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	242074	59.135	ng/uL	93
5) Pyridine	3.758	79	1698752	148.384	ng/ul	95
6) Benzaldehyde	7.105	77	620873	86.810	ng/ul	96
8) Phenol	7.134	94	2021660	147.001	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.387	93	1595697	144.934	ng/ul	98
12) 2-Chlorophenol	7.499	128	1655826	155.515	ng/ul	98
13) 2-Methylphenol	8.393	108	1519945	148.400	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.457	45	1217452	83.094	ng/ul	99
16) Acetophenone	8.804	105	2315876	138.097	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.787	70	1160785	135.979	ng/ul	98
18) 4-Methylphenol	8.740	108	1613206	143.047	ng/ul	98
19) Hexachloroethane	9.010	117	676145	154.141	ng/ul	95
22) Nitrobenzene	9.193	77	1830516	156.052	ng/ul	99
23) Isophorone	9.716	82	3306928	152.062	ng/ul	98
25) 2-Nitrophenol	9.893	139	931985	173.768	ng/ul	97
26) 2,4-Dimethylphenol	9.934	107	1704002	155.940	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	2030192	147.415	ng/ul	98
29) 2,4-Dichlorophenol	10.416	162	1508690	159.641	ng/ul	99
30) Naphthalene	10.822	128	4929374	150.404	ng/ul	99
32) 4-Chloroaniline	10.963	127	2014632	148.454	ng/ul	98
33) Hexachlorobutadiene	11.045	225	1012262	157.032	ng/ul	97
34) Caprolactam	11.816	113	297351	103.618	ng/ul	92
35) 4-Chloro-3-methylphenol	12.069	107	1513743	151.059	ng/ul	97
36) 2-Methylnaphthalene	12.428	142	3288841	150.041	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	3297120	148.343	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	1814271	165.546	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	1224804	195.453	ng/ul	97
41) 2,4,6-Trichlorophenol	13.034	196	1183226	171.584	ng/ul	98
42) 2,4,5-Trichlorophenol	13.110	196	1244395	170.152	ng/ul	100
43) 1,1'-Biphenyl	13.439	154	4089880	155.614	ng/ul	98
44) 2-Chloronaphthalene	13.492	162	3312512	158.451	ng/ul	99
45) 2-Nitroaniline	13.728	65	940249	170.834	ng/ul	94
47) Dimethylphthalate	14.075	163	3952785	150.698	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	864344	182.977	ng/ul	89
50) Acenaphthylene	14.339	152	5268871	154.630	ng/ul	99
51) 3-Nitroaniline	14.563	138	717439	141.354	ng/ul	90
52) Acenaphthene	14.675	153	3411377	151.336	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	575723	186.750	ng/ul	95
55) 4-Nitrophenol	14.863	109	584915	149.923	ng/ul	93
56) Dibenzofuran	15.010	168	4480736	143.888	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	1145979	162.913	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.228	232	1036019	162.380	ng/ul	96
59) Diethylphthalate	15.433	149	3882226	150.752	ng/ul	97
61) Fluorene	15.663	166	3616647	141.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	1860973	142.799	ng/ul	100
63) 4-Nitroaniline	15.739	138	577082	123.266	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.763	198	790437	175.681	ng/ul#	94
67) N-Nitrosodiphenylamine	15.881	169	3162071	160.880	ng/ul	98
68) 4-Bromophenyl-phenylether	16.557	248	1221867	169.206	ng/ul	98
69) Hexachlorobenzene	16.639	284	1387767	162.606	ng/ul	95
70) Atrazine	16.845	200	1185728	168.750	ng/ul	99
71) Pentachlorophenol	17.004	266	922959	168.040	ng/ul	98
72) Phenanthrene	17.427	178	5791552	152.012	ng/ul	100
74) Anthracene	17.522	178	5869765	152.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	1804725	170.804	ng/uL	98
76) Pentachlorobenzene	14.904	250	1684719	174.147	ng/uL	99
77) Carbazole	17.804	167	5303764	156.226	ng/ul	98
78) Di-n-butylphthalate	18.310	149	6257906	164.588	ng/ul	99
80) Fluoranthene	19.392	202	6758348	160.520	ng/ul	99
82) Pyrene	19.757	202	6826119	152.630	ng/ul	98
83) Butylbenzylphthalate	20.610	149	2873274	182.241	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.410	252	2340019	163.192	ng/ul	99
85) Benzo(a)anthracene	21.468	228	7117472	156.314	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	4020044	180.030	ng/ul#	97
87) Chrysene	21.527	228	6564911	154.642	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	7146385	162.859	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	7441524	157.290	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	7399069	155.830	ng/ul	100
93) Benzo(a)pyrene	23.910	252	7183145	161.486	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	9173648	179.056	ng/ul	100
95) Dibenzo(a,h)anthracene	26.739	278	7595228	176.891	ng/ul	98
96) Benzo(g,h,i)perylene	27.556	276	7343383	183.487	ng/ul	98

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

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