Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017232.D
Acq On : 20 Sep 2023 11:09
Operator : MA/JU
Sample : SSTD00555
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005617

Quant Time: Sep 20 13:28:53 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	169824	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	708703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	423586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	892229	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	790574	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	895949	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	8036	1.909	ng/uL	0.00
4) Pyridine-d5	3.746	84	51972	4.393	ng/ul	0.00
7) Phenol-d5	7.093	99	62873	4.454	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	40956	4.673	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	50536	4.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	48871	4.241	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	22568	4.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	23173	4.250	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	46853	4.459	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	66049	4.198	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	144033	4.669	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	153110	4.349	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	15921	2.720	ng/ul	0.00
60) Fluorene-d10	15.598	176	122100	4.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	14863	2.929	ng/ul	0.00
73) Anthracene-d10	17.475	188	178751	4.576	ng/ul	0.00
81) Pyrene-d10	19.722	212	202244	4.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	194576	4.494	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	8495	1.938	ng/uL#	78
5) Pyridine	3.764	79	56225	4.587	ng/ul	97
6) Benzaldehyde	7.099	77	39052	5.100	ng/ul	97
8) Phenol	7.122	94	64580	4.386	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	55582	4.715	ng/ul	96
12) 2-Chlorophenol	7.493	128	52315	4.589	ng/ul	98
13) 2-Methylphenol	8.387	108	46515	4.242	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	51507	3.284	ng/ul	99
16) Acetophenone	8.793	105	80838	4.502	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.758	70	39499	4.322	ng/ul	98
18) 4-Methylphenol	8.716	108	49974	4.139	ng/ul	99
19) Hexachloroethane	9.005	117	22524	4.796	ng/ul	99
22) Nitrobenzene	9.181	77	59922	4.542	ng/ul	92
23) Isophorone	9.693	82	107509	4.395	ng/ul	97
25) 2-Nitrophenol	9.887	139	25928	4.298	ng/ul	98
26) 2,4-Dimethylphenol	9.928	107	55189	4.490	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	73073	4.717	ng/ul	97
29) 2,4-Dichlorophenol	10.410	162	46182	4.345	ng/ul	98
30) Naphthalene	10.816	128	178686	4.847	ng/ul	100
32) 4-Chloroaniline	10.952	127	64309	4.213	ng/ul	99
33) Hexachlorobutadiene	11.046	225	34089	4.702	ng/ul	94
34) Caprolactam	11.769	113	10875	3.369	ng/ul	82
35) 4-Chloro-3-methylphenol	12.057	107	47262	4.193	ng/ul	97
36) 2-Methylnaphthalene	12.428	142	114576	4.647	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	116594	4.664	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	64048	4.887	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	24761	3.304	ng/ul	95
41) 2,4,6-Trichlorophenol	13.034	196	36097	4.377	ng/ul	98
42) 2,4,5-Trichlorophenol	13.099	196	37825	4.324	ng/ul	95
43) 1,1'-Biphenyl	13.434	154	152895	4.864	ng/ul	100
44) 2-Chloronaphthalene	13.481	162	117935	4.717	ng/ul	99
45) 2-Nitroaniline	13.722	65	25267	3.839	ng/ul	92
47) Dimethylphthalate	14.063	163	145183	4.628	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	20375	3.606	ng/ul#	83
50) Acenaphthylene	14.334	152	186600	4.579	ng/ul	100
51) 3-Nitroaniline	14.551	138	21083	3.473	ng/ul	96
52) Acenaphthene	14.669	153	128101	4.752	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	7290	1.977	ng/ul#	77
55) 4-Nitrophenol	14.845	109	12725	2.727	ng/ul	93
56) Dibenzofuran	15.004	168	176762	4.746	ng/ul	96
57) 2,4-Dinitrotoluene	14.998	165	30521	3.628	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.228	232	32713	4.287	ng/ul	95
59) Diethylphthalate	15.422	149	138402	4.494	ng/ul	98
61) Fluorene	15.657	166	143528	4.687	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	72840	4.673	ng/ul	98
63) 4-Nitroaniline	15.722	138	19293	3.446	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	17282	3.160	ng/ul#	92
67) N-Nitrosodiphenylamine	15.875	169	114821	4.807	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	41687	4.750	ng/ul	95
69) Hexachlorobenzene	16.634	284	49631	4.785	ng/ul	98
70) Atrazine	16.834	200	36053	4.222	ng/ul	98
71) Pentachlorophenol	17.004	266	23641	3.542	ng/ul	98
72) Phenanthrene	17.422	178	223246	4.821	ng/ul	98
74) Anthracene	17.510	178	220271	4.699	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	63987	4.983	ng/uL	96
76) Pentachlorobenzene	14.898	250	61602	5.239	ng/uL	99
77) Carbazole	17.798	167	184153	4.463	ng/ul	99
78) Di-n-butylphthalate	18.310	149	201785	4.367	ng/ul	98
80) Fluoranthene	19.392	202	238743	4.844	ng/ul	100
82) Pyrene	19.751	202	256011	4.890	ng/ul	99
83) Butylbenzylphthalate	20.610	149	82290	4.459	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	71271	4.246	ng/ul	99
85) Benzo(a)anthracene	21.469	228	252163	4.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	120737	4.619	ng/ul	99
87) Chrysene	21.522	228	242431	4.879	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	207418	4.176	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	244887	4.573	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	247093	4.598	ng/ul	97
93) Benzo(a)pyrene	23.898	252	225958	4.488	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.686	276	285074	4.916	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.715	278	235341	4.842	ng/ul	99
96) Benzo(g,h,i)perylene	27.521	276	234646	5.180	ng/ul	98

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

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