Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017238.D
Acq On : 20 Sep 2023 14:34
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV623

Quant Time: Sep 20 15:31:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	195974	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	809330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	482760	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1034434	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1028365	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	1147326	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	38505	8.070	ng/uL	0.00
4) Pyridine-d5	3.740	84	270048	20.246	ng/ul	0.00
7) Phenol-d5	7.093	99	321313	19.963	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	202899	20.889	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	273894	21.456	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	259395	20.729	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	127301	21.757	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	137203	21.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	259159	21.592	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	366804	21.096	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	743147	21.489	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	865411	21.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	131140	21.766	ng/ul	0.00
60) Fluorene-d10	15.598	176	636872	21.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	121022	20.757	ng/ul	0.00
73) Anthracene-d10	17.475	188	982432	21.414	ng/ul	0.00
81) Pyrene-d10	19.716	212	1156782	20.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	1202945	21.777	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	42385	8.674	ng/uL	94
5) Pyridine	3.758	79	281910	20.359	ng/ul	99
6) Benzaldehyde	7.099	77	208577	25.394	ng/ul	98
8) Phenol	7.122	94	337025	20.819	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	275520	21.055	ng/ul	97
12) 2-Chlorophenol	7.493	128	274555	21.179	ng/ul	99
13) 2-Methylphenol	8.381	108	250878	20.943	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.452	45	205231	12.401	ng/ul	99
16) Acetophenone	8.793	105	412990	21.358	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.757	70	207214	21.472	ng/ul	99
18) 4-Methylphenol	8.716	108	271651	21.165	ng/ul	97
19) Hexachloroethane	9.005	117	114484	21.273	ng/ul	99
22) Nitrobenzene	9.181	77	312767	21.067	ng/ul	97
23) Isophorone	9.693	82	568779	21.379	ng/ul	98
25) 2-Nitrophenol	9.887	139	152102	22.094	ng/ul	97
26) 2,4-Dimethylphenol	9.928	107	283544	20.672	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	357742	20.831	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	253765	21.443	ng/ul	97
30) Naphthalene	10.816	128	877220	20.816	ng/ul	99
32) 4-Chloroaniline	10.951	127	360144	21.615	ng/ul	99
33) Hexachlorobutadiene	11.046	225	176766	21.462	ng/ul	96
34) Caprolactam	11.769	113	74913	21.908	ng/ul	90
35) 4-Chloro-3-methylphenol	12.057	107	258020	21.691	ng/ul	95
36) 2-Methylnaphthalene	12.422	142	585619	21.292	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	588763	20.940	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	324417	20.940	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	170655	19.464	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	202345	21.531	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	213185	21.653	ng/ul	96
43) 1,1'-Biphenyl	13.434	154	765980	20.913	ng/ul	100
44) 2-Chloronaphthalene	13.481	162	612441	21.091	ng/ul	99
45) 2-Nitroaniline	13.722	65	156468	21.935	ng/ul	94
47) Dimethylphthalate	14.063	163	749498	21.514	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	136829	22.613	ng/ul	95
50) Acenaphthylene	14.328	152	988523	21.254	ng/ul	99
51) 3-Nitroaniline	14.551	138	144990	22.266	ng/ul	94
52) Acenaphthene	14.669	153	651109	21.197	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	73118	19.318	ng/ul	100
55) 4-Nitrophenol	14.840	109	100928	21.442	ng/ul	99
56) Dibenzofuran	15.004	168	892841	21.225	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	207453	23.276	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.222	232	183759	21.996	ng/ul	94
59) Diethylphthalate	15.422	149	737727	21.905	ng/ul	100
61) Fluorene	15.657	166	729782	21.353	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	371283	21.435	ng/ul	100
63) 4-Nitroaniline	15.722	138	137918	23.731	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	129982	20.666	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	605776	21.290	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	224957	21.647	ng/ul	99
69) Hexachlorobenzene	16.634	284	258578	21.443	ng/ul	96
70) Atrazine	16.828	200	223685	21.943	ng/ul	99
71) Pentachlorophenol	16.998	266	152002	20.405	ng/ul	99
72) Phenanthrene	17.416	178	1141451	21.068	ng/ul	99
74) Anthracene	17.510	178	1180233	21.494	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	338349	21.312	ng/uL	96
76) Pentachlorobenzene	14.898	250	298316	19.891	ng/uL	99
77) Carbazole	17.798	167	1031545	21.120	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1212776	22.581	ng/ul	99
80) Fluoranthene	19.386	202	1356595	20.917	ng/ul	100
82) Pyrene	19.745	202	1440346	20.891	ng/ul	99
83) Butylbenzylphthalate	20.604	149	537296	21.979	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	478941	21.436	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1467721	21.147	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	784822	22.230	ng/ul	100
87) Chrysene	21.522	228	1358454	20.797	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1383645	21.924	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1453116	21.482	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1435401	21.033	ng/ul	100
93) Benzo(a)pyrene	23.892	252	1373821	21.227	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	1692917	20.868	ng/ul	99
95) Dibenzo(a,h)anthracene	26.704	278	1417960	20.986	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	1345227	20.563	ng/ul	99

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

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