Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016096.D
Acq On : 08 Jul 2023 16:59
Operator : MA/JU
Sample : 03332-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
YBTZ3

Quant Time: Jul 08 22:17:39 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	8.028	152	41	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.846	136	11	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	6	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.445	188	28	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	10	20.000	ng/ul	# 0.00
88) Perylene-d12	24.086	264	83	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	154	135.139	ng/uL	0.00
4) Pyridine-d5	3.799	84	441	153.519	ng/ul	0.00
7) Phenol-d5	7.228	99	16	4.561	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.363	67	131	60.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	25	9.441	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	8	2.887	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	69	820.785	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	13	132.497	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.510	165	37	211.620	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	56	249.332	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	16	34.501	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	17	32.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.969	143	15	245.102	ng/ul	0.00
60) Fluorene-d10	15.663	176	101	264.499	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.845	200	7	40.651	ng/ul	0.00
73) Anthracene-d10	17.551	188	14	10.946	ng/ul	0.00
81) Pyrene-d10	19.780	212	111	169.990	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	93	22.212	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	378	308.231	ng/uL#	21
5) Pyridine	3.822	79	171	56.902	ng/ul#	1
6) Benzaldehyde	7.181	77	170	119.863	ng/ul#	19
8) Phenol	7.252	94	72	19.778	ng/ul#	55
10) Bis(2-Chloroethyl)ether	7.452	93	98	33.835	ng/ul#	64
12) 2-Chlorophenol	7.610	128	66	23.460	ng/ul	94
13) 2-Methylphenol	8.493	108	50	18.192	ng/ul#	30
14) 2,2'-oxybis(1-Chloropr...	8.552	45	80	20.222	ng/ul#	1
16) Acetophenone	8.869	105	266	58.390	ng/ul#	1
17) N-Nitroso-di-n-propyla...	8.834	70	74	29.247	ng/ul#	52
18) 4-Methylphenol	8.852	108	15	5.079	ng/ul#	50
19) Hexachloroethane	9.099	117	59	45.407	ng/ul#	18
22) Nitrobenzene	9.246	77	293	1241.132	ng/ul#	54
23) Isophorone	9.781	82	129	285.547	ng/ul#	32
25) 2-Nitrophenol	9.975	139	4	38.414	ng/ul#	1
26) 2,4-Dimethylphenol	10.040	107	64	279.591	ng/ul#	41
27) Bis(2-Chloroethoxy)met...	10.357	93	168	658.749	ng/ul	94
29) 2,4-Dichlorophenol	10.534	162	16	92.047	ng/ul	98
30) Naphthalene	10.893	128	28	46.824	ng/ul#	59
32) 4-Chloroaniline	11.104	127	16	68.566	ng/ul	99
33) Hexachlorobutadiene	11.140	225	20	152.359	ng/ul#	49
34) Caprolactam	11.863	113	14	263.305	ng/ul#	34
35) 4-Chloro-3-methylphenol	12.169	107	55	270.312	ng/ul#	59
36) 2-Methylnaphthalene	12.516	142	17	43.185	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	31	77.196	ng/ul#	65
39) 1,2,4,5-Tetrachloroben...	12.875	216	11	55.634	ng/ul#	1
40) Hexachlorocyclopentadiene	12.834	237	42	710.052	ng/ul#	34
41) 2,4,6-Trichlorophenol	13.145	196	13	104.038	ng/ul#	76
42) 2,4,5-Trichlorophenol	13.234	196	9	67.905	ng/ul#	43
43) 1,1'-Biphenyl	13.510	154	13	27.355	ng/ul#	1
44) 2-Chloronaphthalene	13.569	162	44	117.527	ng/ul#	80
45) 2-Nitroaniline	13.804	65	88	747.033	ng/ul#	47
47) Dimethylphthalate	14.139	163	20	41.672	ng/ul#	1
48) 2,6-Dinitrotoluene	14.310	165	41	421.140	ng/ul#	21
50) Acenaphthylene	14.410	152	71	123.602	ng/ul#	42
51) 3-Nitroaniline	14.639	138	14	183.380	ng/ul#	1
52) Acenaphthene	14.739	153	42	105.441	ng/ul#	1
53) 2,4-Dinitrophenol	14.887	184	16	309.773	ng/ul#	1
55) 4-Nitrophenol	14.981	109	17	268.057	ng/ul#	2
56) Dibenzofuran	15.045	168	10	18.085	ng/ul	100
57) 2,4-Dinitrotoluene	15.086	165	77	580.398	ng/ul#	59
58) 2,3,4,6-Tetrachlorophenol	15.328	232	11	96.625	ng/ul#	1
59) Diethylphthalate	15.498	149	82	168.834	ng/ul#	1
61) Fluorene	15.739	166	14	31.214	ng/ul#	66
62) 4-Chlorophenyl-phenyle...	15.710	204	9	39.216	ng/ul#	1
63) 4-Nitroaniline	15.828	138	16	306.213	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.875	198	10	57.397	ng/ul#	1
67) N-Nitrosodiphenylamine	15.939	169	14	16.702	ng/ul#	1
68) 4-Bromophenyl-phenylether	16.439	248	20	62.551	ng/ul	92
69) Hexachlorobenzene	16.739	284	51	135.180	ng/ul#	1
70) Atrazine	16.828	200	31	96.615	ng/ul	95
71) Pentachlorophenol	17.116	266	69	381.062	ng/ul#	46
72) Phenanthrene	17.492	178	128	84.149	ng/ul#	1
74) Anthracene	17.592	178	80	52.340	ng/ul#	18
75) 1,2,3,4-Tetrachloroben...	13.498	216	17	37.312	ng/uL#	48
76) Pentachlorobenzene	14.939	250	23	50.018	ng/uL	93
77) Carbazole	17.869	167	5	3.881	ng/ul#	72
78) Di-n-butylphthalate	18.357	149	147	86.071	ng/ul#	52
80) Fluoranthene	19.463	202	59	72.703	ng/ul#	36
82) Pyrene	19.822	202	37	44.696	ng/ul#	1
83) Butylbenzylphthalate	20.651	149	109	322.747	ng/ul#	67
84) 3,3'-Dichlorobenzidine	21.457	252	472	2087.972	ng/ul#	51
85) Benzo(a)anthracene	21.521	228	33	46.912	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.398	149	1070	2305.365	ng/ul#	80
87) Chrysene	21.574	228	62	92.897	ng/ul#	68
89) Di-n-octyl phthalate	22.345	149	535	88.200	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	180	33.751	ng/ul#	1
91) Benzo(k)fluoranthene	23.363	252	361	66.996	ng/ul#	1
93) Benzo(a)pyrene	23.968	252	41	8.798	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	26.774	276	173	27.347	ng/ul#	1
95) Dibenzo(a,h)anthracene	26.792	278	21	4.041	ng/ul#	1
96) Benzo(g,h,i)perylene	27.639	276	92	17.678	ng/ul#	1

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

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