Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063114.D
Acq On : 28 Sep 2024 19:02
Operator : RC/JU
Sample : P3927-18MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DDCA5MS

Quant Time: Sep 28 23:25:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	93615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.638	136	394968	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	335167	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	906661	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.490	240	917318	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	1058480	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	4720	2.907	ng/uL	0.01
4) Pyridine-d5	3.722	84	44347	11.169	ng/ul	0.00
7) Phenol-d5	7.018	99	127579	22.064	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	53854	23.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	123470	21.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	119379	22.870	ng/ul	0.00
21) Nitrobenzene-d5	8.998	128	58613	20.181	ng/ul	0.00
24) 2-Nitrophenol-d4	9.721	143	78127	21.063	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	164814	21.289	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	183308	20.179	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	588109	22.069	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	650497	23.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	89611	22.296	ng/ul	0.00
60) Fluorene-d10	15.479	176	548402	22.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	140856	22.231	ng/ul	0.00
73) Anthracene-d10	17.342	188	986737	22.684	ng/ul	0.00
81) Pyrene-d10	19.633	212	1260107	24.396	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	1332404	23.503	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	16878	8.804	ng/uL	92
5) Pyridine	3.746	79	129932	33.242	ng/ul#	80
6) Benzaldehyde	6.989	77	91076	33.915	ng/ul	92
8) Phenol	7.048	94	182180	31.312	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.271	93	116773	32.255	ng/ul	94
12) 2-Chlorophenol	7.412	128	164766	29.873	ng/ul	94
13) 2-Methylphenol	8.293	108	153405	29.994	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.364	45	103675	37.591	ng/ul	95
16) Acetophenone	8.664	105	246530	30.370	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.652	70	103467	31.170	ng/ul#	94
18) 4-Methylphenol	8.617	108	168253	30.031	ng/ul	91
19) Hexachloroethane	8.928	117	61059	27.973	ng/ul	96
22) Nitrobenzene	9.045	77	160841	29.335	ng/ul	93
23) Isophorone	9.568	82	319882	30.212	ng/ul#	95
25) 2-Nitrophenol	9.756	139	106073	27.950	ng/ul#	92
26) 2,4-Dimethylphenol	9.821	107	184851	27.065	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.050	93	165177	29.847	ng/ul#	97
29) 2,4-Dichlorophenol	10.291	162	208753	28.176	ng/ul	99
30) Naphthalene	10.691	128	571258	28.455	ng/ul	98
32) 4-Chloroaniline	10.802	127	223961	26.811	ng/ul	91
33) Hexachlorobutadiene	10.978	225	189249	26.268	ng/ul	98
34) Caprolactam	11.631	113	68619	33.114	ng/ul	96
35) 4-Chloro-3-methylphenol	11.930	107	191666	29.439	ng/ul	97
36) 2-Methylnaphthalene	12.300	142	462927	28.426	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.524	142	466906	28.365	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.677	216	364865	28.023	ng/ul	97
40) Hexachlorocyclopentadiene	12.653	237	153649	20.766	ng/ul	100
41) 2,4,6-Trichlorophenol	12.912	196	227772	30.411	ng/ul	97
42) 2,4,5-Trichlorophenol	12.988	196	241854	29.381	ng/ul	94
43) 1,1'-Biphenyl	13.317	154	654485	29.493	ng/ul#	98
44) 2-Chloronaphthalene	13.358	162	541093	30.281	ng/ul	98
45) 2-Nitroaniline	13.558	65	101256	31.485	ng/ul	88
47) Dimethylphthalate	13.940	163	731551	28.625	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	155848	29.615	ng/ul	96
50) Acenaphthylene	14.204	152	832606	29.420	ng/ul	97
51) 3-Nitroaniline	14.386	138	138510	31.186	ng/ul	98
52) Acenaphthene	14.551	153	592222	30.043	ng/ul	96
53) 2,4-Dinitrophenol	14.604	184	98653	26.518	ng/ul	94
55) 4-Nitrophenol	14.709	109	128537	26.419	ng/ul#	89
56) Dibenzofuran	14.886	168	940456	29.817	ng/ul	99
57) 2,4-Dinitrotoluene	14.850	165	230911	27.541	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.115	232	448864	51.035	ng/ul#	96
59) Diethylphthalate	15.309	149	729497	28.852	ng/ul	96
61) Fluorene	15.538	166	746870	28.734	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.532	204	464653	28.449	ng/ul	98
63) 4-Nitroaniline	15.555	138	154436	32.065	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.620	198	211933	31.547	ng/ul	98
67) N-Nitrosodiphenylamine	15.743	169	669486	29.620	ng/ul	97
68) 4-Bromophenyl-phenylether	16.425	248	329596	29.622	ng/ul	94
69) Hexachlorobenzene	16.543	284	359311	28.983	ng/ul	98
70) Atrazine	16.713	200	287006	25.824	ng/ul	99
71) Pentachlorophenol	16.930	266	10066909	1304.953	ng/ul#	81
72) Phenanthrene	17.283	178	1384296	29.618	ng/ul	99
74) Anthracene	17.377	178	1384723	28.811	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.282	216	380436	29.404	ng/ul	99
76) Pentachlorobenzene	14.809	250	399782	28.361	ng/ul	94
77) Carbazole	17.641	167	1128737	29.346	ng/ul	98
78) Di-n-butylphthalate	18.205	149	1234281	29.549	ng/ul	97
80) Fluoranthene	19.298	202	1766752	30.516	ng/ul#	98
82) Pyrene	19.662	202	1850303	30.511	ng/ul#	98
83) Butylbenzylphthalate	20.555	149	545918	32.613	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.390	252	478255	22.058	ng/ul	97
85) Benzo(a)anthracene	21.472	228	1905889	29.914	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.390	149	760202	31.760	ng/ul	95
87) Chrysene	21.537	228	1773058	29.980	ng/ul	99
89) Di-n-octyl phthalate	22.536	149	1314766	32.758	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	1904501	28.933	ng/ul#	97
91) Benzo(k)fluoranthene	23.634	252	1948827	29.803	ng/ul#	99
93) Benzo(a)pyrene	24.392	252	1774580	29.454	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.964	276	2278967	30.725	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.017	278	1849665	30.600	ng/ul#	97
96) Benzo(g,h,i)perylene	29.028	276	1717514	30.574	ng/ul#	98

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

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