Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017315.D
Acq On : 25 Sep 2023 11:45
Operator : MA/JU
Sample : 04429-14MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BBKK1MSD

Quant Time: Sep 25 12:38:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	138903	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.752	136	573609	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.592	164	350641	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	768289	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	727862	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	806715	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16189	4.787	ng/uL	0.00
4) Pyridine-d5	3.734	84	165255	17.480	ng/ul	0.00
7) Phenol-d5	7.087	99	150489	13.191	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	245051	35.594	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.452	132	280978	31.054	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	206239	23.253	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	160488	38.701	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	174726	38.805	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.369	165	329323	38.712	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.916	131	313813	25.466	ng/ul	-0.01
46) Dimethylphthalate-d6	14.010	166	1019799	40.599	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	1139143	39.431	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	61564	14.068	ng/ul	0.01
60) Fluorene-d10	15.587	176	884279	40.892	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	160287	37.016	ng/ul	0.00
73) Anthracene-d10	17.463	188	1403134	41.179	ng/ul	0.00
81) Pyrene-d10	19.704	212	1667308	42.360	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.816	264	1631751	42.011	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	19200	5.544	ng/uL	96
5) Pyridine	3.758	79	106679	10.869	ng/ul	96
6) Benzaldehyde	7.087	77	208329	35.784	ng/ul	98
8) Phenol	7.116	94	94962	8.276	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	288425	31.097	ng/ul	97
12) 2-Chlorophenol	7.487	128	237829	25.883	ng/ul	98
13) 2-Methylphenol	8.375	108	179019	21.085	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	213515	18.202	ng/ul	98
16) Acetophenone	8.781	105	459009	33.491	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.746	70	224252	32.786	ng/ul	99
18) 4-Methylphenol	8.710	108	172526	18.965	ng/ul	99
19) Hexachloroethane	8.993	117	115385	30.250	ng/ul	98
22) Nitrobenzene	9.169	77	354065	33.649	ng/ul	95
23) Isophorone	9.681	82	631157	33.473	ng/ul	98
25) 2-Nitrophenol	9.875	139	160791	32.954	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	285123	29.329	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	390205	32.058	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	278052	33.151	ng/ul	100
30) Naphthalene	10.804	128	940503	31.489	ng/ul	100
32) 4-Chloroaniline	10.946	127	260523	22.061	ng/ul	98
33) Hexachlorobutadiene	11.028	225	192959	33.056	ng/ul	99
34) Caprolactam	11.810	113	46970	19.381	ng/ul	94
35) 4-Chloro-3-methylphenol	12.051	107	274255	32.531	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	645053	33.090	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	632424	31.737	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	363063	32.264	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	132809	20.855	ng/ul	97
41) 2,4,6-Trichlorophenol	13.022	196	247144	36.208	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	266178	37.221	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	894315	33.617	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	696638	33.030	ng/ul	99
45) 2-Nitroaniline	13.710	65	203806	39.336	ng/ul	97
47) Dimethylphthalate	14.057	163	926327	36.609	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	179823	40.917	ng/ul	92
50) Acenaphthylene	14.322	152	1133853	33.564	ng/ul	100
51) 3-Nitroaniline	14.540	138	132608	28.038	ng/ul	96
52) Acenaphthene	14.657	153	742916	33.299	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	76688	27.895	ng/ul	95
55) 4-Nitrophenol	14.851	109	29659	8.675	ng/ul#	81
56) Dibenzofuran	14.992	168	1042810	34.131	ng/ul	99
57) 2,4-Dinitrotoluene	14.987	165	260213	40.196	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	235427	38.799	ng/ul	94
59) Diethylphthalate	15.410	149	930940	38.057	ng/ul	99
61) Fluorene	15.645	166	879259	35.420	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	449437	35.724	ng/ul	99
63) 4-Nitroaniline	15.710	138	146527	34.713	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.739	198	153145	32.784	ng/ul#	97
67) N-Nitrosodiphenylamine	15.863	169	749365	35.460	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	284061	36.803	ng/ul	100
69) Hexachlorobenzene	16.622	284	322744	36.035	ng/ul	94
70) Atrazine	16.828	200	259782	34.312	ng/ul	99
71) Pentachlorophenol	16.992	266	206970	37.410	ng/ul	98
72) Phenanthrene	17.404	178	1418808	35.258	ng/ul	99
74) Anthracene	17.498	178	1441240	35.339	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	365617	31.007	ng/uL	97
76) Pentachlorobenzene	14.881	250	345173	30.989	ng/uL	98
77) Carbazole	17.786	167	1338619	36.902	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1690086	42.370	ng/ul	99
80) Fluoranthene	19.375	202	1710500	37.262	ng/ul	99
82) Pyrene	19.733	202	1772827	36.329	ng/ul	99
83) Butylbenzylphthalate	20.592	149	762063	44.044	ng/ul	99
85) Benzo(a)anthracene	21.451	228	1789324	36.425	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	1130218	45.231	ng/ul	99
87) Chrysene	21.510	228	1675962	36.252	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1915784	43.172	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	1773184	37.281	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	1751017	36.491	ng/ul	100
93) Benzo(a)pyrene	23.868	252	1635550	35.941	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.651	276	2017032	35.361	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	1681107	35.385	ng/ul	99
96) Benzo(g,h,i)perylene	27.480	276	1611351	35.030	ng/ul	98

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

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