Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082323\
Data File : BP016721.D
Acq On : 23 Aug 2023 18:41
Operator : MA/JU
Sample : PB154791BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS791

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 00:50:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 18:42:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	305114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1373010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	828636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1793977	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1543798	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1468387	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	72378	9.014	ng/uL	0.00
4) Pyridine-d5	3.822	84	853511	34.938	ng/ul	0.00
7) Phenol-d5	7.181	99	1078743	38.350	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	673232	36.338	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	757471	37.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	829773	37.099	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	385606	39.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.957	143	413743	45.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	744511	41.230	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	1058211	34.155	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	2237832	37.338	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	2583170	38.185	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	444942	36.442	ng/ul	0.00
60) Fluorene-d10	15.687	176	1897509	37.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	341586	40.024	ng/ul	0.00
73) Anthracene-d10	17.563	188	2942012	37.913	ng/ul	0.00
81) Pyrene-d10	19.792	212	3374122	41.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	2815278	40.006	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	133766	15.151	ng/uL	99
5) Pyridine	3.840	79	855398	33.748	ng/ul	98
6) Benzaldehyde	7.199	77	691233	44.578	ng/ul	98
8) Phenol	7.210	94	1161277	38.626	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.475	93	907098	37.351	ng/ul	98
12) 2-Chlorophenol	7.593	128	822129	38.673	ng/ul	99
13) 2-Methylphenol	8.481	108	852267	39.026	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1245889m	36.809	ng/ul	
16) Acetophenone	8.893	105	1381479	38.248	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.863	70	778114	40.169	ng/ul	98
18) 4-Methylphenol	8.816	108	938864	39.117	ng/ul	100
19) Hexachloroethane	9.116	117	333166	37.512	ng/ul	97
22) Nitrobenzene	9.281	77	1113461	41.171	ng/ul	99
23) Isophorone	9.799	82	2129336	41.685	ng/ul	99
25) 2-Nitrophenol	9.987	139	471807	44.978	ng/ul	99
26) 2,4-Dimethylphenol	10.022	107	965278	39.034	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.287	93	1273031	38.878	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	776087	41.772	ng/ul	99
30) Naphthalene	10.928	128	2712013	37.805	ng/ul	100
32) 4-Chloroaniline	11.051	127	1081591	35.246	ng/ul	99
33) Hexachlorobutadiene	11.157	225	428765	38.284	ng/ul	99
34) Caprolactam	11.875	113	288068m	39.854	ng/ul	
35) 4-Chloro-3-methylphenol	12.151	107	974222	42.899	ng/ul	99
36) 2-Methylnaphthalene	12.522	142	1825962	37.999	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	1815877	37.531	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	873481	39.410	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	456800	33.873	ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	611703	44.347	ng/ul	100
42) 2,4,5-Trichlorophenol	13.193	196	674061	45.082	ng/ul	99
43) 1,1'-Biphenyl	13.528	154	2420126	39.292	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	1862351	38.861	ng/ul	100
45) 2-Nitroaniline	13.804	65	685887	47.335	ng/ul	99
47) Dimethylphthalate	14.151	163	2424727	39.568	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	503292	47.417	ng/ul	98
50) Acenaphthylene	14.422	152	2961210	37.169	ng/ul	99
51) 3-Nitroaniline	14.634	138	556685	46.776	ng/ul	97
52) Acenaphthene	14.757	153	2048385	38.409	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	229912	38.910	ng/ul	98
55) 4-Nitrophenol	14.916	109	395518	39.847	ng/ul	97
56) Dibenzofuran	15.092	168	2785871	38.287	ng/ul	100
57) 2,4-Dinitrotoluene	15.075	165	730813	45.979	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	559266	44.644	ng/ul	97
59) Diethylphthalate	15.510	149	2485818	39.675	ng/ul	98
61) Fluorene	15.745	166	2299062	38.534	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.734	204	1079467	38.543	ng/ul	98
63) 4-Nitroaniline	15.804	138	552535	48.513	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.828	198	375517	39.683	ng/ul	99
67) N-Nitrosodiphenylamine	15.957	169	1970728	40.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	653355	40.789	ng/ul	99
69) Hexachlorobenzene	16.722	284	734824	39.262	ng/ul	97
70) Atrazine	16.916	200	643081	36.758	ng/ul	99
71) Pentachlorophenol	17.086	266	468022	40.616	ng/ul	97
72) Phenanthrene	17.504	178	3715207	39.308	ng/ul	100
74) Anthracene	17.598	178	3705549	39.033	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.487	216	858631	37.661	ng/uL	97
76) Pentachlorobenzene	14.987	250	830107	40.580	ng/uL	99
77) Carbazole	17.881	167	3534146	40.396	ng/ul	99
78) Di-n-butylphthalate	18.386	149	4397626	43.423	ng/ul	99
80) Fluoranthene	19.469	202	4306761	44.609	ng/ul	100
82) Pyrene	19.822	202	4450248	43.652	ng/ul	99
83) Butylbenzylphthalate	20.680	149	2085635	50.783	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.480	252	1346054	40.041	ng/ul	99
85) Benzo(a)anthracene	21.545	228	4123339	39.742	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	3064622	51.416	ng/ul#	97
87) Chrysene	21.598	228	3811538	39.258	ng/ul	100
89) Di-n-octyl phthalate	22.404	149	5105510	55.722	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	3871423	44.279	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	3679974	42.427	ng/ul	99
93) Benzo(a)pyrene	24.021	252	3199001	38.787	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.880	276	3569063	36.665	ng/ul	99
95) Dibenzo(a,h)anthracene	26.909	278	2942678	36.326	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	2833367	36.573	ng/ul	98

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

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