Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030797.D
Acq On : 03 Jul 2021 05:36
Operator : CG/JU
Sample : PB137473BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS473

Manual Integrations APPROVED
mohammad
7/6/2021 9:25:36 AM

Quant Time: Jul 03 06:53:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 06:52:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	108954	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	444595	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	257924	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	483923	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	475409	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	460490	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17571	6.54	ng/uL	0.00
4) Pyridine-d5	3.669	84	199499	27.63	ng/ul	0.00
7) Phenol-d5	6.934	99	327985	34.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	206233	34.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	262629	36.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	248452	33.98	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	121774	36.71	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	134991	36.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	255703	36.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	305977	31.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	690927	38.80	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	902038	39.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	114340	33.89	ng/ul	0.00
60) Fluorene-d10	15.392	176	605796	38.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	106840	33.75	ng/ul	0.00
73) Anthracene-d10	17.233	188	824235	36.50	ng/ul	0.00
81) Pyrene-d10	19.521	212	895604	35.95	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	1020855	42.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	42414	14.84	ng/uL	97
5) Pyridine	3.687	79	233342	30.02	ng/ul	99
6) Benzaldehyde	6.916	77	201512m	44.11	ng/ul	
8) Phenol	6.963	94	336553	35.42	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.199	93	254349	33.97	ng/ul	99
12) 2-Chlorophenol	7.334	128	263057	35.99	ng/ul	98
13) 2-Methylphenol	8.204	108	237428	34.48	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.298	45	419379	35.33	ng/ul	98
16) Acetophenone	8.593	105	401344	35.54	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	207647	37.18	ng/ul	99
18) 4-Methylphenol	8.534	108	260357	34.72	ng/ul	95
19) Hexachloroethane	8.840	117	106648	34.82	ng/ul	98
22) Nitrobenzene	8.969	77	311534	37.22	ng/ul	99
23) Isophorone	9.493	82	541365	37.35	ng/ul	99
25) 2-Nitrophenol	9.675	139	144858	37.00	ng/ul	98
26) 2,4-Dimethylphenol	9.728	107	186572	23.58	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	336829	35.72	ng/ul	99
29) 2,4-Dichlorophenol	10.204	162	247980	36.65	ng/ul	99
30) Naphthalene	10.604	128	807917	35.89	ng/ul	99
32) 4-Chloroaniline	10.716	127	301703	30.85	ng/ul	99
33) Hexachlorobutadiene	10.881	225	162099	35.43	ng/ul	99
34) Caprolactam	11.498	113	70717	36.01	ng/ul	89
35) 4-Chloro-3-methylphenol	11.839	107	258092	38.85	ng/ul	98
36) 2-Methylnaphthalene	12.216	142	573914	36.54	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	560976	35.28	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.586	216	306853	38.13	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	121617	23.16	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	183884	36.28	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	204553	37.82	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	737241	38.73	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	578912	38.68	ng/ul	98
45) 2-Nitroaniline	13.480	65	175073	43.53	ng/ul	98
47) Dimethylphthalate	13.857	163	703169	40.30	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	145801	43.37	ng/ul	97
50) Acenaphthylene	14.122	152	841065	39.22	ng/ul	99
51) 3-Nitroaniline	14.310	138	143191	39.98	ng/ul	99
52) Acenaphthene	14.463	153	614828	39.51	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	67966	30.75	ng/ul	97
55) 4-Nitrophenol	14.616	109	100110	37.09	ng/ul	99
56) Dibenzofuran	14.798	168	844028	38.91	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	202232	42.96	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.022	232	150078	34.28	ng/ul#	96
59) Diethylphthalate	15.222	149	688041	41.05	ng/ul	99
61) Fluorene	15.445	166	714220	39.95	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	355337	39.91	ng/ul	99
63) 4-Nitroaniline	15.474	138	145750	42.74	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.533	198	106452	34.55	ng/ul	100
67) N-Nitrosodiphenylamine	15.651	169	580322	40.24	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	204971	41.51	ng/ul	99
69) Hexachlorobenzene	16.451	284	234692	41.09	ng/ul	98
70) Atrazine	16.604	200	91556	17.90	ng/ul	97
71) Pentachlorophenol	16.792	266	106720	29.82	ng/ul	98
72) Phenanthrene	17.180	178	1029515	39.62	ng/ul	100
74) Anthracene	17.268	178	1005778	37.85	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	305657	39.60	ng/uL	98
76) Pentachlorobenzene	14.716	250	281227	38.25	ng/uL	98
77) Carbazole	17.539	167	897530	37.67	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1055091	43.46	ng/ul	99
80) Fluoranthene	19.192	202	1130696	37.17	ng/ul	99
82) Pyrene	19.551	202	1178820	36.88	ng/ul	99
83) Butylbenzylphthalate	20.445	149	431414	41.00	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.221	252	335301	35.78	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1165967	39.52	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	614684	40.61	ng/ul	100
87) Chrysene	21.345	228	1137213	39.54	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	1047353	39.54	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1260243	43.11	ng/ul	100
91) Benzo(k)fluoranthene	22.921	252	1239331	44.11	ng/ul	99
93) Benzo(a)pyrene	23.456	252	1128842	42.94	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.833	276	1549657	46.83	ng/ul	99
95) Dibenzo(a,h)anthracene	25.839	278	1312911	47.86	ng/ul	99
96) Benzo(g,h,i)perylene	26.527	276	1255756	45.48	ng/ul	99

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

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