Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030781.D
Acq On : 02 Jul 2021 19:18
Operator : CG/JU
Sample : PB137439BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS439

Manual Integrations APPROVED
mohammad
7/6/2021 9:24:55 AM

Quant Time: Jul 02 22:59:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	80932	20.00	ng/ul	0.00
20) Naphthalene-d8	10.557	136	324829	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	192646	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	359331	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	346666	20.00	ng/ul	0.00
88) Perylene-d12	23.556	264	347834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13352m	6.69	ng/uL	0.00
4) Pyridine-d5	3.675	84	152715	28.47	ng/ul	0.00
7) Phenol-d5	6.940	99	244420	35.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	150724	34.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	194967	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	184756	34.01	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	90010	37.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	96812	35.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	192668	37.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	228484	31.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	523701	39.37	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	675927	39.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	84550	33.55	ng/ul	0.00
60) Fluorene-d10	15.392	176	458241	38.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	75794	32.24	ng/ul	0.00
73) Anthracene-d10	17.239	188	614253	36.63	ng/ul	0.00
81) Pyrene-d10	19.527	212	660746	36.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	765284	42.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	31943	15.05	ng/uL	99
5) Pyridine	3.693	79	174156	30.16	ng/ul	98
6) Benzaldehyde	6.916	77	147466	43.45	ng/ul	92
8) Phenol	6.963	94	249171	35.31	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.198	93	188227	33.84	ng/ul	99
12) 2-Chlorophenol	7.334	128	194916	35.90	ng/ul	97
13) 2-Methylphenol	8.210	108	173531	33.93	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	307005	34.82	ng/ul	99
16) Acetophenone	8.592	105	298675	35.61	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	150502	36.27	ng/ul	95
18) 4-Methylphenol	8.540	108	192131	34.50	ng/ul	99
19) Hexachloroethane	8.840	117	79197	34.81	ng/ul	97
22) Nitrobenzene	8.969	77	232011	37.94	ng/ul	98
23) Isophorone	9.492	82	402336	38.00	ng/ul	99
25) 2-Nitrophenol	9.675	139	107370	37.54	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	141814	24.53	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.975	93	248310	36.04	ng/ul	100
29) 2,4-Dichlorophenol	10.204	162	187295	37.89	ng/ul	98
30) Naphthalene	10.604	128	600810	36.53	ng/ul	100
32) 4-Chloroaniline	10.716	127	224238	31.39	ng/ul	99
33) Hexachlorobutadiene	10.886	225	123385	36.91	ng/ul	99
34) Caprolactam	11.498	113	52243	36.41	ng/ul	95
35) 4-Chloro-3-methylphenol	11.839	107	191440	39.44	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	428068	37.30	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	415836	35.80	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.586	216	231775	38.56	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	91628	23.36	ng/ul	97
41) 2,4,6-Trichlorophenol	12.828	196	140015	36.99	ng/ul	95
42) 2,4,5-Trichlorophenol	12.904	196	152818	37.83	ng/ul	98
43) 1,1'-Biphenyl	13.233	154	555573	39.08	ng/ul	98
44) 2-Chloronaphthalene	13.275	162	438397	39.22	ng/ul	99
45) 2-Nitroaniline	13.480	65	126029	41.95	ng/ul	95
47) Dimethylphthalate	13.857	163	531758	40.80	ng/ul	100
48) 2,6-Dinitrotoluene	13.980	165	106804	42.53	ng/ul	99
50) Acenaphthylene	14.122	152	627297	39.17	ng/ul	99
51) 3-Nitroaniline	14.310	138	106020	39.63	ng/ul	96
52) Acenaphthene	14.463	153	466250	40.11	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	45380	27.49	ng/ul	99
55) 4-Nitrophenol	14.616	109	73285	36.35	ng/ul	96
56) Dibenzofuran	14.798	168	641538	39.59	ng/ul	97
57) 2,4-Dinitrotoluene	14.769	165	147847	42.05	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.027	232	114899	35.14	ng/ul	99
59) Diethylphthalate	15.221	149	516609	41.26	ng/ul	99
61) Fluorene	15.451	166	538118	40.30	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	271134	40.77	ng/ul	97
63) 4-Nitroaniline	15.474	138	108820	42.72	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.533	198	76785	33.56	ng/ul	98
67) N-Nitrosodiphenylamine	15.657	169	437909	40.89	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	155494	42.41	ng/ul	99
69) Hexachlorobenzene	16.451	284	176581	41.64	ng/ul	100
70) Atrazine	16.604	200	73043	19.23	ng/ul	98
71) Pentachlorophenol	16.792	266	80366	30.24	ng/ul	96
72) Phenanthrene	17.180	178	776317	40.23	ng/ul	99
74) Anthracene	17.274	178	751576	38.09	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	231124	40.33	ng/uL	98
76) Pentachlorobenzene	14.722	250	215381	39.45	ng/uL	99
77) Carbazole	17.545	167	665920	37.64	ng/ul	99
78) Di-n-butylphthalate	18.104	149	775470	43.02	ng/ul	100
80) Fluoranthene	19.192	202	832832	37.54	ng/ul	99
82) Pyrene	19.556	202	874673	37.52	ng/ul	98
83) Butylbenzylphthalate	20.451	149	305669	39.84	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	252242	36.91	ng/ul	98
85) Benzo(a)anthracene	21.292	228	859546	39.95	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	438633	39.74	ng/ul	100
87) Chrysene	21.345	228	836396	39.88	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	741372	37.05	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	954235	43.21	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	906958	42.73	ng/ul	99
93) Benzo(a)pyrene	23.462	252	845670	42.59	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	1171448	46.86	ng/ul	98
95) Dibenzo(a,h)anthracene	25.844	278	991565	47.85	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	957021	45.89	ng/ul	99

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

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