Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060221\
Data File : BM030264.D
Acq On : 02 Jun 2021 18:03
Operator : CG/JU
Sample : PB136743BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS743

Manual Integrations APPROVED
mohammad
6/3/2021 11:06:18 AM

Quant Time: Jun 02 18:33:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 02 17:27:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	221538	20.00	ng/ul	0.00
20) Naphthalene-d8	10.651	136	920448	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	552888	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	1040991	20.00	ng/ul	0.00
79) Chrysene-d12	21.380	240	940113	20.00	ng/ul	0.00
88) Perylene-d12	23.662	264	862501	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	34654	6.40	ng/uL	0.00
4) Pyridine-d5	3.734	84	467967	30.84	ng/ul	0.00
7) Phenol-d5	7.016	99	732224	37.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	465129	37.83	ng/ul	0.00
11) 2-Chlorophenol-d4	7.392	132	559310	38.33	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	562162	36.35	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	264782	44.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	265916	46.47	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	566562	38.37	ng/ul	0.00
31) 4-Chloroaniline-d4	10.780	131	746897	34.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	1584802	37.49	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	2081721	38.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	272807	39.94	ng/ul	0.00
60) Fluorene-d10	15.474	176	1404021	38.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	228073	45.19	ng/ul	0.00
73) Anthracene-d10	17.315	188	1959321	38.03	ng/ul	0.00
81) Pyrene-d10	19.598	212	2071020	41.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	2003120	40.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	83585	14.36	ng/uL	96
5) Pyridine	3.751	79	460064	29.52	ng/ul	99
6) Benzaldehyde	7.004	77	396600	38.16	ng/ul	97
8) Phenol	7.045	94	659708	33.34	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	525962	33.12	ng/ul	98
12) 2-Chlorophenol	7.422	128	501853	33.59	ng/ul	99
13) 2-Methylphenol	8.292	108	483534	32.32	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.386	45	840210	31.84	ng/ul	98
16) Acetophenone	8.681	105	813247	32.53	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	420299	31.87	ng/ul	98
18) 4-Methylphenol	8.622	108	530745	32.94	ng/ul	99
19) Hexachloroethane	8.939	117	203247	31.77	ng/ul	93
22) Nitrobenzene	9.057	77	603732	37.12	ng/ul	99
23) Isophorone	9.581	82	1108501	32.32	ng/ul	99
25) 2-Nitrophenol	9.769	139	268645	41.58	ng/ul	98
26) 2,4-Dimethylphenol	9.822	107	476633	27.73	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	715095	34.02	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	495983	34.81	ng/ul	97
30) Naphthalene	10.704	128	1654983	32.77	ng/ul	99
32) 4-Chloroaniline	10.804	127	656362	28.91	ng/ul	99
33) Hexachlorobutadiene	10.992	225	297948	30.69	ng/ul	99
34) Caprolactam	11.575	113	140769m	32.35	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	509010	34.08	ng/ul	98
36) 2-Methylnaphthalene	12.310	142	1191789	31.56	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	1157354	31.53	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	604287	33.69	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	295406	23.50	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	381075	37.85	ng/ul	96
42) 2,4,5-Trichlorophenol	12.980	196	416458	38.23	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1525831	34.60	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1181943	34.87	ng/ul	98
45) 2-Nitroaniline	13.557	65	324474	41.67	ng/ul	97
47) Dimethylphthalate	13.939	163	1419740	34.00	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	276777	41.59	ng/ul	97
50) Acenaphthylene	14.204	152	1748492	33.23	ng/ul	99
51) 3-Nitroaniline	14.380	138	286173	36.90	ng/ul#	97
52) Acenaphthene	14.545	153	1273083	34.25	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	139973	33.50	ng/ul	94
55) 4-Nitrophenol	14.680	109	197849	26.38	ng/ul	98
56) Dibenzofuran	14.880	168	1756506	34.14	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	386595	40.06	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	331666	36.06	ng/ul	97
59) Diethylphthalate	15.298	149	1404692	33.21	ng/ul	99
61) Fluorene	15.527	166	1475177	33.80	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	714591	33.39	ng/ul	100
63) 4-Nitroaniline	15.539	138	302384	37.92	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.598	198	208254	40.00	ng/ul	96
67) N-Nitrosodiphenylamine	15.733	169	1224773	36.07	ng/ul	99
68) 4-Bromophenyl-phenylether	16.409	248	412782	35.23	ng/ul	97
69) Hexachlorobenzene	16.527	284	455841	34.04	ng/ul	96
70) Atrazine	16.680	200	382045	31.37	ng/ul	98
71) Pentachlorophenol	16.868	266	247754	30.29	ng/ul	97
72) Phenanthrene	17.262	178	2179803	35.73	ng/ul	100
74) Anthracene	17.351	178	2166002	34.61	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	591356	34.82	ng/uL	99
76) Pentachlorobenzene	14.804	250	547166	34.73	ng/uL	99
77) Carbazole	17.615	167	1917470	33.81	ng/ul	100
78) Di-n-butylphthalate	18.180	149	2194876	34.85	ng/ul	100
80) Fluoranthene	19.268	202	2362930	38.36	ng/ul	99
82) Pyrene	19.627	202	2456534	38.15	ng/ul	97
83) Butylbenzylphthalate	20.521	149	858513	39.07	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.292	252	667936	33.56	ng/ul	99
85) Benzo(a)anthracene	21.362	228	2268071	36.62	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	1317233	37.35	ng/ul	100
87) Chrysene	21.415	228	2208921	36.64	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2177464	39.26	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	2280728	39.46	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	2190833	38.44	ng/ul	100
93) Benzo(a)pyrene	23.568	252	1994948	39.10	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.991	276	2592174	40.56	ng/ul	98
95) Dibenzo(a,h)anthracene	26.003	278	2185822	40.91	ng/ul	98
96) Benzo(g,h,i)perylene	26.709	276	2092872	40.08	ng/ul	97

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

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