Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
Data File : BM030210.D
Acq On : 27 May 2021 21:03
Operator : CG/JU
Sample : PB136684BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS684

Manual Integrations APPROVED
mohammad
5/28/2021 12:37:33 PM

Quant Time: May 28 02:07:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	330727	20.00	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1418576	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	922684	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1859730	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	1596670	20.00	ng/ul	0.00
88) Perylene-d12	23.674	264	1371682	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	52554	6.50	ng/uL	0.00
4) Pyridine-d5	3.746	84	737370	32.55	ng/ul	0.00
7) Phenol-d5	7.028	99	1100361	37.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	678848	36.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	842352	38.67	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	864382	37.44	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	408126	44.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	417670	47.36	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	907479	39.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	1191896	35.27	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2776169	39.35	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	3497204	38.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	491990	43.16	ng/ul	0.00
60) Fluorene-d10	15.486	176	2404362	39.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	418122	46.38	ng/ul	0.00
73) Anthracene-d10	17.327	188	3519421	38.24	ng/ul	0.00
81) Pyrene-d10	19.609	212	3688374	43.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3178735	40.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	121021	13.92	ng/uL	96
5) Pyridine	3.769	79	710960	30.56	ng/ul	96
6) Benzaldehyde	7.016	77	585797	37.75	ng/ul	97
8) Phenol	7.057	94	990221	33.52	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.298	93	767870	32.38	ng/ul	97
12) 2-Chlorophenol	7.439	128	761806	34.15	ng/ul	99
13) 2-Methylphenol	8.304	108	741351	33.19	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	1270345	32.24	ng/ul	99
16) Acetophenone	8.692	105	1231189	32.99	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.686	70	663588	33.71	ng/ul	99
18) 4-Methylphenol	8.639	108	813516	33.82	ng/ul	98
19) Hexachloroethane	8.957	117	304329	31.87	ng/ul	97
22) Nitrobenzene	9.075	77	911894	36.38	ng/ul	98
23) Isophorone	9.598	82	1791568	33.90	ng/ul	99
25) 2-Nitrophenol	9.781	139	415246	41.70	ng/ul	98
26) 2,4-Dimethylphenol	9.833	107	761620	28.75	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1102498	34.03	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	782079	35.61	ng/ul	99
30) Naphthalene	10.716	128	2520356	32.38	ng/ul	99
32) 4-Chloroaniline	10.822	127	1041362	29.77	ng/ul	99
33) Hexachlorobutadiene	11.004	225	472283	31.56	ng/ul	99
34) Caprolactam	11.598	113	256322m	38.22	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	837879	36.40	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	1906885	32.77	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.539	142	1845520	32.62	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.692	216	989933	33.07	ng/ul	98
40)	Hexachlorocyclopentadiene	12.674	237	557970	26.60	ng/ul	99
41)	2,4,6-Trichlorophenol	12.927	196	647376	38.53	ng/ul	97
42)	2,4,5-Trichlorophenol	12.998	196	710110	39.06	ng/ul	99
43)	1,1'-Biphenyl	13.333	154	2500741	33.98	ng/ul	100
44)	2-Chloronaphthalene	13.374	162	1935814	34.22	ng/ul	99
45)	2-Nitroaniline	13.574	65	571150	43.96	ng/ul	94
47)	Dimethylphthalate	13.951	163	2479775	35.59	ng/ul	99
48)	2,6-Dinitrotoluene	14.068	165	497310	44.78	ng/ul	94
50)	Acenaphthylene	14.221	152	2902320	33.05	ng/ul	99
51)	3-Nitroaniline	14.398	138	508296	39.27	ng/ul#	95
52)	Acenaphthene	14.563	153	2136710	34.45	ng/ul	99
53)	2,4-Dinitrophenol	14.598	184	257670	36.96	ng/ul	95
55)	4-Nitrophenol	14.698	109	345206	27.58	ng/ul	98
56)	Dibenzofuran	14.892	168	2961035	34.49	ng/ul	98
57)	2,4-Dinitrotoluene	14.851	165	707072	43.90	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.115	232	606238	39.49	ng/ul	98
59)	Diethylphthalate	15.315	149	2540371	35.99	ng/ul	99
61)	Fluorene	15.539	166	2585548	35.50	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.533	204	1269949	35.56	ng/ul	99
63)	4-Nitroaniline	15.557	138	540020	40.58	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.615	198	379042	40.76	ng/ul	100
67)	N-Nitrosodiphenylamine	15.745	169	2162715	35.65	ng/ul	99
68)	4-Bromophenyl-phenylether	16.421	248	764762	36.54	ng/ul	97
69)	Hexachlorobenzene	16.539	284	850523	35.55	ng/ul	98
70)	Atrazine	16.692	200	742366	34.12	ng/ul	100
71)	Pentachlorophenol	16.880	266	483754	33.11	ng/ul	99
72)	Phenanthrene	17.274	178	3857123	35.39	ng/ul	100
74)	Anthracene	17.362	178	3881450	34.72	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.298	216	991873	32.69	ng/uL	99
76)	Pentachlorobenzene	14.815	250	962975	34.21	ng/uL	99
77)	Carbazole	17.627	167	3426121	33.82	ng/ul	100
78)	Di-n-butylphthalate	18.192	149	4188239	37.22	ng/ul	100
80)	Fluoranthene	19.274	202	4212791	40.27	ng/ul	99
82)	Pyrene	19.639	202	4285786	39.19	ng/ul	97
83)	Butylbenzylphthalate	20.527	149	1588904	42.57	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.303	252	1145798	33.89	ng/ul	97
85)	Benzo(a)anthracene	21.368	228	3748193	35.63	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.297	149	2456040	41.01	ng/ul	99
87)	Chrysene	21.421	228	3584609	35.01	ng/ul	99
89)	Di-n-octyl phthalate	22.186	149	3811878	43.22	ng/ul	100
90)	Benzo(b)fluoranthene	22.986	252	3626486	39.45	ng/ul	100
91)	Benzo(k)fluoranthene	23.033	252	3422071	37.75	ng/ul	100
93)	Benzo(a)pyrene	23.580	252	3105416	38.27	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.015	276	3973246	39.10	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.027	278	3352226	39.45	ng/ul	99
96)	Benzo(g,h,i)perylene	26.732	276	3202511	38.57	ng/ul	100

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

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