Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032001.D
Acq On : 01 Sep 2021 01:13
Operator : CG/JU
Sample : M3494-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAS54MSD

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:47 PM

Quant Time: Sep 01 03:00:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.504	152	105588	20.000	ng/ul		0.00
20) Naphthalene-d8	10.345	136	421699m	20.000	ng/ul		0.08
38) Acenaphthene-d10	14.151	164	347972	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.903	188	739220	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.109	240	764693	20.000	ng/ul		0.00
88) Perylene-d12	23.244	264	641408	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.128	96	10516m	4.595	ng/uL		0.00
4) Pyridine-d5	3.534	84	23786	3.660	ng/ul		0.01
7) Phenol-d5	6.698	99	68473	7.820	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	181620	35.851	ng/ul		0.00
11) 2-Chlorophenol-d4	7.045	132	201044	29.839	ng/ul		0.00
15) 4-Methylphenol-d8	8.222	113	135748	18.071	ng/ul		0.00
21) Nitrobenzene-d5	8.669	128	172143m	56.203	ng/ul		0.00
24) 2-Nitrophenol-d4	9.386	143	164992	45.517	ng/ul		0.02
28) 2,4-Dichlorophenol-d3	9.933	165	292631	40.237	ng/ul		0.03
31) 4-Chloroaniline-d4	10.474	131	479165m	46.708	ng/ul		0.05
46) Dimethylphthalate-d6	13.580	166	1098998	41.739	ng/ul		0.00
49) Acenaphthylene-d8	13.839	160	1325978	42.523	ng/ul		0.00
54) 4-Nitrophenol-d4	14.392	143	43562	9.140	ng/ul		0.00
60) Fluorene-d10	15.151	176	974305	42.095	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	206612	40.677	ng/ul		0.00
73) Anthracene-d10	17.003	188	1583031	45.117	ng/ul		0.00
81) Pyrene-d10	19.309	212	1823941	50.923	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.115	264	1544702	45.823	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	10987	3.982	ng/uL	#	76
5) Pyridine	3.546	79	45581	6.823	ng/ul		94
6) Benzaldehyde	6.675	77	278881m	70.358	ng/ul		
8) Phenol	6.728	94	75641	8.585	ng/ul		93
10) Bis(2-Chloroethyl)ether	6.957	93	259197	38.625	ng/ul		93
12) 2-Chlorophenol	7.075	128	214771	31.921	ng/ul		94
13) 2-Methylphenol	7.957	108	154551	22.751	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.039	45	321967	36.920	ng/ul	#	86
16) Acetophenone	8.333	105	450471	38.288	ng/ul		98
17) N-Nitroso-di-n-propyla...	8.333	70	228946	39.887	ng/ul		94
18) 4-Methylphenol	8.286	108	148629	19.702	ng/ul		100
19) Hexachloroethane	8.551	117	117034	40.606	ng/ul		88
22) Nitrobenzene	8.710	77	395926m	51.202	ng/ul		
23) Isophorone	9.275	82	638634	44.874	ng/ul	#	97
25) 2-Nitrophenol	9.422	139	178061	47.155	ng/ul	#	94
26) 2,4-Dimethylphenol	9.486	107	292378	38.038	ng/ul		98
27) Bis(2-Chloroethoxy)met...	9.780	93	390810	46.325	ng/ul		98
29) 2,4-Dichlorophenol	9.975	162	292991	42.354	ng/ul		95
30) Naphthalene	10.345	128	81960715m	3882.398	ng/ul		
33) Hexachlorobutadiene	10.610	225	204626	44.589	ng/ul		98
34) Caprolactam	11.327	113	14041	6.089	ng/ul	#	78
35) 4-Chloro-3-methylphenol	11.586	107	285080	39.298	ng/ul		97
36) 2-Methylnaphthalene	11.974	142	17348273	1042.245	ng/ul		96
37) 1-Methylnaphthalene	12.192	142	9737730	574.368	ng/ul		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	1,2,4,5-Tetrachloroben...	12.316	216	460467	46.099	ng/ul	99
40)	Hexachlorocyclopentadiene	12.280	237	154486	28.734	ng/ul	99
41)	2,4,6-Trichlorophenol	12.568	196	303339	45.331	ng/ul	98
42)	2,4,5-Trichlorophenol	12.639	196	323362	44.498	ng/ul	98
43)	1,1'-Biphenyl	12.974	154	3323160	135.769	ng/ul	98
44)	2-Chloronaphthalene	13.010	162	864021	44.557	ng/ul	99
45)	2-Nitroaniline	13.239	65	245283	45.912	ng/ul	97
47)	Dimethylphthalate	13.627	163	1133281	43.834	ng/ul	99
48)	2,6-Dinitrotoluene	13.757	165	250305	49.074	ng/ul	93
50)	Acenaphthylene	13.868	152	1318767	45.962	ng/ul	98
51)	3-Nitroaniline	14.086	138	211843	44.382	ng/ul	94
52)	Acenaphthene	14.227	153	7939114	380.983	ng/ul	97
53)	2,4-Dinitrophenol	14.304	184	146694	41.135	ng/ul#	13
55)	4-Nitrophenol	14.404	109	41842	9.510	ng/ul	84
56)	Dibenzofuran	14.562	168	5464999	177.830	ng/ul	98
57)	2,4-Dinitrotoluene	14.551	165	376329	49.194	ng/ul#	38
58)	2,3,4,6-Tetrachlorophenol	14.786	232	304196	46.631	ng/ul#	98
59)	Diethylphthalate	14.998	149	1193243	45.157	ng/ul	98
61)	Fluorene	15.215	166	4086000	157.135	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.209	204	602372	45.232	ng/ul	98
63)	4-Nitroaniline	15.257	138	226053	52.871	ng/ul#	86
66)	4,6-Dinitro-2-methylph...	15.315	198	214282	43.387	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.427	169	1034267	48.720	ng/ul	100
68)	4-Bromophenyl-phenylether	16.104	248	371897	49.094	ng/ul	98
69)	Hexachlorobenzene	16.204	284	425788	48.411	ng/ul	99
70)	Atrazine	16.404	200	383139	47.902	ng/ul	97
71)	Pentachlorophenol	16.562	266	277503	48.249	ng/ul	99
72)	Phenanthrene	16.951	178	4146113	102.693	ng/ul	99
74)	Anthracene	17.039	178	2153668	52.122	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.933	216	467121	48.560	ng/uL	98
76)	Pentachlorobenzene	14.474	250	475931	47.160	ng/uL	99
77)	Carbazole	17.339	167	9627757	254.588	ng/ul	96
78)	Di-n-butylphthalate	17.892	149	2201653	50.806	ng/ul	99
80)	Fluoranthene	18.974	202	2294400	52.717	ng/ul#	94
82)	Pyrene	19.339	202	2357656	51.165	ng/ul	94
83)	Butylbenzylphthalate	20.262	149	1024673	56.632	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.038	252	698735	40.588	ng/ul	97
85)	Benzo(a)anthracene	21.097	228	2277585	47.882	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.038	149	1625392	55.702	ng/ul	97
87)	Chrysene	21.150	228	2178059	47.605	ng/ul	100
89)	Di-n-octyl phthalate	21.897	149	2740683	62.632	ng/ul	100
90)	Benzo(b)fluoranthene	22.615	252	2177397	53.282	ng/ul	98
91)	Benzo(k)fluoranthene	22.662	252	2014966m	50.932	ng/ul	
93)	Benzo(a)pyrene	23.162	252	1787459	48.437	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	25.362	276	2024026	42.855	ng/ul	96
95)	Dibenzo(a,h)anthracene	25.368	278	1726425	43.463	ng/ul	97
96)	Benzo(g,h,i)perylene	25.997	276	1607386	41.100	ng/ul	96

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

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