Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032000.D
Acq On : 01 Sep 2021 00:36
Operator : CG/JU
Sample : M3494-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAS54MS

Manual Integrations APPROVED
mohammad
9/1/2021 4:03:44 PM

Quant Time: Sep 01 02:29:10 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	113239	20.000	ng/ul		0.00
20) Naphthalene-d8	10.339	136	455648m	20.000	ng/ul		0.07
38) Acenaphthene-d10	14.151	164	382753	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.904	188	809514	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.109	240	808595	20.000	ng/ul		0.00
88) Perylene-d12	23.244	264	658140	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.128	96	10439	4.253	ng/uL		0.00
4) Pyridine-d5	3.534	84	27105m	3.889	ng/ul		0.01
7) Phenol-d5	6.698	99	65065	6.929	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	179894	33.111	ng/ul		0.00
11) 2-Chlorophenol-d4	7.045	132	197284	27.302	ng/ul		0.00
15) 4-Methylphenol-d8	8.222	113	134434	16.687	ng/ul		0.00
21) Nitrobenzene-d5	8.669	128	168756m	50.992	ng/ul		0.00
24) 2-Nitrophenol-d4	9.381	143	162773	41.559	ng/ul		0.01
28) 2,4-Dichlorophenol-d3	9.934	165	289721	36.869	ng/ul		0.03
31) 4-Chloroaniline-d4	10.475	131	490533m	44.253	ng/ul		0.05
46) Dimethylphthalate-d6	13.580	166	1091840	37.699	ng/ul		0.00
49) Acenaphthylene-d8	13.839	160	1325114	38.634	ng/ul		0.00
54) 4-Nitrophenol-d4	14.392	143	43067	8.215	ng/ul		0.00
60) Fluorene-d10	15.151	176	967604	38.006	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	204307	36.730	ng/ul		0.00
73) Anthracene-d10	17.004	188	1586768	41.297	ng/ul		0.00
81) Pyrene-d10	19.309	212	1789363	47.245	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.115	264	1430739	41.364	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.157	88	11142	3.766	ng/uL		91
5) Pyridine	3.552	79	42326	5.907	ng/ul#		85
6) Benzaldehyde	6.675	77	274377m	64.544	ng/ul		
8) Phenol	6.728	94	72854	7.710	ng/ul		91
10) Bis(2-Chloroethyl)ether	6.957	93	251643	34.966	ng/ul		93
12) 2-Chlorophenol	7.075	128	211582	29.323	ng/ul		96
13) 2-Methylphenol	7.957	108	150437	20.649	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	316581	33.849	ng/ul#		87
16) Acetophenone	8.339	105	443649	35.160	ng/ul		96
17) N-Nitroso-di-n-propyla...	8.334	70	227674	36.985	ng/ul		94
18) 4-Methylphenol	8.287	108	146184	18.069	ng/ul		95
19) Hexachloroethane	8.551	117	116958	37.838	ng/ul		96
22) Nitrobenzene	8.710	77	392730m	47.005	ng/ul		
23) Isophorone	9.275	82	640170	41.630	ng/ul#		96
25) 2-Nitrophenol	9.422	139	175581m	43.034	ng/ul		
26) 2,4-Dimethylphenol	9.486	107	288761	34.768	ng/ul		96
27) Bis(2-Chloroethoxy)met...	9.781	93	387384	42.497	ng/ul		99
29) 2,4-Dichlorophenol	9.975	162	293489	39.265	ng/ul		95
30) Naphthalene	10.345	128	81635135m	3578.859	ng/ul		
33) Hexachlorobutadiene	10.610	225	203869	41.114	ng/ul		98
34) Caprolactam	11.328	113	14058	5.642	ng/ul#		77
35) 4-Chloro-3-methylphenol	11.586	107	279802	35.696	ng/ul		96
36) 2-Methylnaphthalene	11.975	142	17362802	965.398	ng/ul		97
37) 1-Methylnaphthalene	12.192	142	9721859	530.708	ng/ul		98

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Sample : M3494-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 01 02:29:10 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)
39)	1,2,4,5-Tetrachloroben...	12.316	216	456447	41.544	ng/ul	98
40)	Hexachlorocyclopentadiene	12.286	237	159563	26.982	ng/ul	99
41)	2,4,6-Trichlorophenol	12.563	196	305671	41.529	ng/ul	96
42)	2,4,5-Trichlorophenol	12.633	196	327293	40.947	ng/ul	100
43)	1,1'-Biphenyl	12.974	154	3329314	123.660	ng/ul	98
44)	2-Chloronaphthalene	13.010	162	866951	40.645	ng/ul	99
45)	2-Nitroaniline	13.245	65	238474	40.581	ng/ul	91
47)	Dimethylphthalate	13.627	163	1133953	39.874	ng/ul	100
48)	2,6-Dinitrotoluene	13.757	165	247660	44.144	ng/ul	93
50)	Acenaphthylene	13.869	152	1311264	41.548	ng/ul	97
51)	3-Nitroaniline	14.086	138	211649	40.312	ng/ul	90
52)	Acenaphthene	14.227	153	7935344	346.198	ng/ul	97
53)	2,4-Dinitrophenol	14.304	184	145491	37.090	ng/ul#	9
55)	4-Nitrophenol	14.404	109	40646	8.398	ng/ul	87
56)	Dibenzofuran	14.563	168	5459252	161.500	ng/ul	97
57)	2,4-Dinitrotoluene	14.551	165	376201	44.708	ng/ul#	43
58)	2,3,4,6-Tetrachlorophenol	14.786	232	302787	42.197	ng/ul#	98
59)	Diethylphthalate	14.998	149	1201120	41.325	ng/ul	99
61)	Fluorene	15.216	166	4091954	143.064	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.210	204	604715	41.282	ng/ul	99
63)	4-Nitroaniline	15.257	138	223198m	47.459	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.316	198	214207	39.605	ng/ul	99
67)	N-Nitrosodiphenylamine	15.427	169	1031355	44.364	ng/ul	99
68)	4-Bromophenyl-phenylether	16.104	248	371012	44.724	ng/ul	98
69)	Hexachlorobenzene	16.204	284	430418	44.688	ng/ul	99
70)	Atrazine	16.404	200	386147	44.086	ng/ul	98
71)	Pentachlorophenol	16.563	266	272240	43.224	ng/ul	98
72)	Phenanthrene	16.951	178	4134503	93.513	ng/ul	99
74)	Anthracene	17.039	178	2141803	47.333	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	12.927	216	464806	44.123	ng/uL	99
76)	Pentachlorobenzene	14.474	250	477059	43.167	ng/uL	99
77)	Carbazole	17.339	167	9479780	228.907	ng/ul	96
78)	Di-n-butylphthalate	17.892	149	2183682	46.016	ng/ul	100
80)	Fluoranthene	18.974	202	2255898	49.018	ng/ul#	94
82)	Pyrene	19.339	202	2325776	47.733	ng/ul	94
83)	Butylbenzylphthalate	20.262	149	1010600	52.822	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.039	252	656078	36.041	ng/ul	98
85)	Benzo(a)anthracene	21.098	228	2194468	43.630	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.045	149	1597816	51.784	ng/ul#	96
87)	Chrysene	21.150	228	2096160	43.328	ng/ul	100
89)	Di-n-octyl phthalate	21.897	149	2634608	58.677	ng/ul	100
90)	Benzo(b)fluoranthene	22.615	252	2003359	47.777	ng/ul	99
91)	Benzo(k)fluoranthene	22.662	252	1908331m	47.010	ng/ul	
93)	Benzo(a)pyrene	23.156	252	1651651	43.619	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.362	276	1851480	38.205	ng/ul	95
95)	Dibenzo(a,h)anthracene	25.368	278	1579236	38.747	ng/ul	97
96)	Benzo(g,h,i)perylene	26.003	276	1481912	36.928	ng/ul	95

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

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