Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
Data File : BM031936.D
Acq On : 28 Aug 2021 17:30
Operator : CG/JU
Sample : SSTD04021
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040021

Manual Integrations APPROVED
mohammad
8/30/2021 10:35:17 AM

Quant Time: Aug 30 09:11:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 29 00:36:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	83731	20.000	ng/ul		0.00
20) Naphthalene-d8	10.269	136	375389	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.151	164	289542	20.000	ng/ul		0.00
64) Phenanthrene-d10	16.910	188	643745	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.109	240	738578	20.000	ng/ul		0.00
88) Perylene-d12	23.250	264	787688	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.128	96	27353	15.073	ng/uL		0.00
4) Pyridine-d5	3.522	84	206796	40.129	ng/ul		0.00
7) Phenol-d5	6.704	99	273996	39.462	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	159400	39.678	ng/ul		0.00
11) 2-Chlorophenol-d4	7.051	132	227254	42.533	ng/ul		0.00
15) 4-Methylphenol-d8	8.228	113	236426	39.689	ng/ul		0.00
21) Nitrobenzene-d5	8.663	128	116080	42.574	ng/ul		0.00
24) 2-Nitrophenol-d4	9.375	143	139651	43.279	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	9.904	165	273728	42.281	ng/ul		0.00
31) 4-Chloroaniline-d4	10.422	131	352005	38.545	ng/ul		0.00
46) Dimethylphthalate-d6	13.580	166	891281	40.681	ng/ul		0.00
49) Acenaphthylene-d8	13.839	160	1078254	41.557	ng/ul		0.00
54) 4-Nitrophenol-d4	14.392	143	160112	40.375	ng/ul		0.00
60) Fluorene-d10	15.151	176	778479	40.421	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	177530	40.135	ng/ul		0.00
73) Anthracene-d10	17.010	188	1257632	41.159	ng/ul		0.00
81) Pyrene-d10	19.309	212	1441765	41.676	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.121	264	1705199	41.191	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	30073	13.745	ng/uL	#	88
5) Pyridine	3.540	79	212584	40.126	ng/ul		87
6) Benzaldehyde	6.681	77	164972m	52.499	ng/ul		
8) Phenol	6.734	94	273655	39.167	ng/ul		95
10) Bis(2-Chloroethyl)ether	6.957	93	212146	39.866	ng/ul		94
12) 2-Chlorophenol	7.081	128	224489	42.075	ng/ul		95
13) 2-Methylphenol	7.957	108	212133	39.378	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	274779	39.734	ng/ul	#	91
16) Acetophenone	8.334	105	370006	39.658	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.328	70	194706	42.777	ng/ul		94
18) 4-Methylphenol	8.287	108	237908	39.769	ng/ul		94
19) Hexachloroethane	8.557	117	95430	41.754	ng/ul		94
22) Nitrobenzene	8.704	77	280159	40.700	ng/ul		97
23) Isophorone	9.228	82	533265	42.092	ng/ul	#	97
25) 2-Nitrophenol	9.404	139	144638	43.029	ng/ul		94
26) 2,4-Dimethylphenol	9.469	107	283122	41.378	ng/ul		95
27) Bis(2-Chloroethoxy)met...	9.710	93	310985	41.410	ng/ul		99
29) 2,4-Dichlorophenol	9.928	162	261253	42.425	ng/ul		97
30) Naphthalene	10.316	128	766229	40.773	ng/ul		99
32) 4-Chloroaniline	10.445	127	353065	38.757	ng/ul		100
33) Hexachlorobutadiene	10.592	225	165549	40.524	ng/ul		99
34) Caprolactam	11.251	113	83873m	40.717	ng/ul		
35) 4-Chloro-3-methylphenol	11.581	107	276220	42.774	ng/ul		100
36) 2-Methylnaphthalene	11.939	142	612249	41.320	ng/ul		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.163	142	621165	41.159	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.316	216	339769	40.880	ng/ul	100
40)	Hexachlorocyclopentadiene	12.286	237	176298	39.409	ng/ul	98
41)	2,4,6-Trichlorophenol	12.569	196	234764	42.163	ng/ul	98
42)	2,4,5-Trichlorophenol	12.645	196	254779	42.136	ng/ul	99
43)	1,1'-Biphenyl	12.975	154	827908	40.650	ng/ul	98
44)	2-Chloronaphthalene	13.016	162	650979	40.345	ng/ul	99
45)	2-Nitroaniline	13.239	65	189913	42.721	ng/ul	94
47)	Dimethylphthalate	13.627	163	866912	40.298	ng/ul	99
48)	2,6-Dinitrotoluene	13.751	165	185121	43.619	ng/ul	98
50)	Acenaphthylene	13.869	152	986558	41.323	ng/ul	99
51)	3-Nitroaniline	14.080	138	176090	44.337	ng/ul	94
52)	Acenaphthene	14.216	153	702522	40.516	ng/ul	98
53)	2,4-Dinitrophenol	14.298	184	118181	39.827	ng/ul	94
55)	4-Nitrophenol	14.410	109	145825	39.831	ng/ul	88
56)	Dibenzofuran	14.557	168	1029105	40.245	ng/ul	98
57)	2,4-Dinitrotoluene	14.551	165	275824	43.332	ng/ul#	82
58)	2,3,4,6-Tetrachlorophenol	14.792	232	228481	42.092	ng/ul#	98
59)	Diethylphthalate	15.004	149	900078	40.937	ng/ul	99
61)	Fluorene	15.210	166	885392	40.921	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.210	204	447554	40.388	ng/ul	98
63)	4-Nitroaniline	15.257	138	167991m	46.255	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.316	198	172831	40.184	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.433	169	766763	41.476	ng/ul	98
68)	4-Bromophenyl-phenylether	16.110	248	270426	40.993	ng/ul	100
69)	Hexachlorobenzene	16.210	284	313639	40.949	ng/ul	97
70)	Atrazine	16.404	200	289813	41.607	ng/ul	97
71)	Pentachlorophenol	16.563	266	197567	39.445	ng/ul	97
72)	Phenanthrene	16.951	178	1439065	40.930	ng/ul	99
74)	Anthracene	17.045	178	1480981	41.157	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	12.933	216	343877	41.050	ng/uL	98
76)	Pentachlorobenzene	14.469	250	362438	41.241	ng/uL	99
77)	Carbazole	17.321	167	1312905	39.866	ng/ul	99
78)	Di-n-butylphthalate	17.892	149	1621050	42.956	ng/ul	99
80)	Fluoranthene	18.974	202	1746704	41.552	ng/ul	96
82)	Pyrene	19.339	202	1825080	41.008	ng/ul	95
83)	Butylbenzylphthalate	20.262	149	770222	44.074	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.039	252	704837	42.390	ng/ul	98
85)	Benzo(a)anthracene	21.098	228	1874374	40.799	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.045	149	1247580	44.266	ng/ul#	98
87)	Chrysene	21.150	228	1788383	40.471	ng/ul	99
89)	Di-n-octyl phthalate	21.897	149	2126551	39.572	ng/ul	100
90)	Benzo(b)fluoranthene	22.621	252	2069606m	41.240	ng/ul	
91)	Benzo(k)fluoranthene	22.662	252	1967938	40.505	ng/ul#	98
93)	Benzo(a)pyrene	23.162	252	1845161	40.716	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	25.362	276	2323094	40.053	ng/ul	94
95)	Dibenzo(a,h)anthracene	25.374	278	1963637	40.255	ng/ul#	96
96)	Benzo(g,h,i)perylene	26.003	276	1900417	39.568	ng/ul	96

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

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