Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
Data File : BM036300.D
Acq On : 16 Aug 2022 14:17
Operator : CG/JU
Sample : SSTD16065
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 18:44:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160017

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/17/2022
Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	216734	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	899604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	498615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	968237	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	897562	20.000	ng/ul	0.00
88) Perylene-d12	23.709	264	959229	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	367532	64.627	ng/uL	0.00
4) Pyridine-d5	3.634	84	2546755	162.392	ng/ul	0.00
7) Phenol-d5	6.998	99	2992430	161.753	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.151	67	1817801	156.102	ng/ul	0.01
11) 2-Chlorophenol-d4	7.345	132	2443469	168.103	ng/ul	0.01
15) 4-Methylphenol-d8	8.545	113	2219211	160.658	ng/ul	0.02
21) Nitrobenzene-d5	8.981	128	1185314	173.783	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	1281486	185.226	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.245	165	2105118	170.290	ng/ul	0.01
31) 4-Chloroaniline-d4	10.763	131	3047890	159.040	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	5200110	164.849	ng/ul	0.01
49) Acenaphthylene-d8	14.151	160	6583402	167.330	ng/ul	0.01
54) 4-Nitrophenol-d4	14.698	143	1102911	184.523	ng/ul	0.02
60) Fluorene-d10	15.445	176	4647672	163.050	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	951952	191.238	ng/ul	0.02
73) Anthracene-d10	17.298	188	6860959	159.362	ng/ul	0.01
81) Pyrene-d10	19.592	212	7420687	159.379	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.568	264	7759501	164.988	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	394306	65.829	ng/uL	94
5) Pyridine	3.652	79	2591118	159.939	ng/ul	92
6) Benzaldehyde	6.951	77	917430	120.728	ng/ul	94
8) Phenol	7.028	94	3072220	159.725	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.245	93	2392201	155.496	ng/ul	98
12) 2-Chlorophenol	7.375	128	2505251	164.820	ng/ul	100
13) 2-Methylphenol	8.269	108	2280981	160.877	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.345	45	3206066	155.765	ng/ul	97
16) Acetophenone	8.645	105	3406661	153.336	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.657	70	1720803	155.618	ng/ul	95
18) 4-Methylphenol	8.616	108	2386292	157.230	ng/ul	98
19) Hexachloroethane	8.881	117	1052581	165.523	ng/ul	93
22) Nitrobenzene	9.028	77	2639131	163.303	ng/ul	99
23) Isophorone	9.563	82	4721250	164.508	ng/ul	98
25) 2-Nitrophenol	9.733	139	1363153	176.850	ng/ul	98
26) 2,4-Dimethylphenol	9.804	107	2534097	164.394	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.039	93	2938429	157.272	ng/ul	100
29) 2,4-Dichlorophenol	10.269	162	2116653	167.355	ng/ul	99
30) Naphthalene	10.663	128	7253024	153.614	ng/ul	99
32) 4-Chloroaniline	10.786	127	3083460	158.186	ng/ul	98
33) Hexachlorobutadiene	10.933	225	1322798	166.480	ng/ul	99
34) Caprolactam	11.622	113	335869	88.631	ng/ul	93
35) 4-Chloro-3-methylphenol	11.927	107	2190429	171.288	ng/ul	99
36) 2-Methylnaphthalene	12.275	142	4691296	158.361	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.492	142	4670893	156.560	ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	12.645	216	2276379	165.175	ng/ul	99
40)	Hexachlorocyclopentadiene	12.616	237	1561374	190.969	ng/ul	97
41)	2,4,6-Trichlorophenol	12.892	196	1557465	179.594	ng/ul	99
42)	2,4,5-Trichlorophenol	12.969	196	1662336	180.714	ng/ul	100
43)	1,1'-Biphenyl	13.292	154	5914215	157.708	ng/ul	99
44)	2-Chloronaphthalene	13.333	162	4619832	160.541	ng/ul	98
45)	2-Nitroaniline	13.557	65	1437615	184.489	ng/ul	98
47)	Dimethylphthalate	13.927	163	5287095	162.828	ng/ul	99
48)	2,6-Dinitrotoluene	14.051	165	1190768	194.365	ng/ul	94
50)	Acenaphthylene	14.180	152	7281441	156.939	ng/ul	98
51)	3-Nitroaniline	14.380	138	1165244	173.919	ng/ul	98
52)	Acenaphthene	14.516	153	4745171	156.913	ng/ul	99
53)	2,4-Dinitrophenol	14.586	184	745626	223.322	ng/ul	95
55)	4-Nitrophenol	14.716	109	874886	185.257	ng/ul#	79
56)	Dibenzofuran	14.857	168	6433896	153.332	ng/ul	96
57)	2,4-Dinitrotoluene	14.839	165	1644720	189.298	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.080	232	1284011	183.842	ng/ul#	91
59)	Diethylphthalate	15.286	149	5348404	167.097	ng/ul	99
61)	Fluorene	15.504	166	5147728	154.671	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.498	204	2444509	157.235	ng/ul	99
63)	4-Nitroaniline	15.551	138	915862	146.540	ng/ul#	90
66)	4,6-Dinitro-2-methylph...	15.598	198	949337	188.627	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.715	169	4428157	159.971	ng/ul	99
68)	4-Bromophenyl-phenylether	16.392	248	1511619	168.605	ng/ul	99
69)	Hexachlorobenzene	16.498	284	1802295	165.884	ng/ul	99
70)	Atrazine	16.680	200	1568035	165.787	ng/ul	99
71)	Pentachlorophenol	16.851	266	1155340	192.884	ng/ul	99
72)	Phenanthrene	17.239	178	7902311	155.248	ng/ul	97
74)	Anthracene	17.333	178	7968284	156.148	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.251	216	2357654	162.284	ng/uL	97
76)	Pentachlorobenzene	14.768	250	2145168	158.139	ng/uL	99
77)	Carbazole	17.609	167	7411399	155.117	ng/ul	98
78)	Di-n-butylphthalate	18.168	149	8684023	166.172	ng/ul	98
80)	Fluoranthene	19.256	202	8967356	159.363	ng/ul	96
82)	Pyrene	19.621	202	9008247	153.410	ng/ul	95
83)	Butylbenzylphthalate	20.521	149	4084212	185.918	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.303	252	2830336	153.132	ng/ul	99
85)	Benzo(a)anthracene	21.362	228	8710385	161.489	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.292	149	5496249	181.210	ng/ul	99
87)	Chrysene	21.421	228	8387311	158.254	ng/ul	96
89)	Di-n-octyl phthalate	22.197	149	9425714	165.298	ng/ul	100
90)	Benzo(b)fluoranthene	23.003	252	9452735	161.632	ng/ul#	96
91)	Benzo(k)fluoranthene	23.056	252	9066731	162.953	ng/ul#	95
93)	Benzo(a)pyrene	23.627	252	9388142	163.175	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	26.156	276	11218300	165.841	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.174	278	9517415	163.329	ng/ul#	94
96)	Benzo(g,h,i)perylene	26.909	276	9645536	166.742	ng/ul	94

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

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