Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022823\
Data File : BM038816.D
Acq On : 28 Feb 2023 18:02
Operator : CG/JU
Sample : SSTD08037
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080044

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 01 01:35:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 01:29:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	208976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	965455	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	636775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1371786	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1427930	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	1653224	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	170719	43.535	ng/uL	0.00
4) Pyridine-d5	3.799	84	1299608	127.210	ng/ul	0.00
7) Phenol-d5	7.163	99	1641118	120.726	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	1005344	134.541	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	1295846	103.807	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1317878	108.108	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	649338	90.513	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	663758	68.257	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1310521	67.079	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	2082339	92.177	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	4045751	80.058	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4897474	86.984	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	864745	105.096	ng/ul	0.02
60) Fluorene-d10	15.639	176	3596273	83.853	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	691953	82.629	ng/ul	0.01
73) Anthracene-d10	17.492	188	5727312	88.469	ng/ul	0.00
81) Pyrene-d10	19.780	212	6673023	77.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	7243656	84.613	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	182294	45.459	ng/uL	100
5) Pyridine	3.822	79	1356826	132.137	ng/ul	95
6) Benzaldehyde	7.146	77	650486	119.946	ng/ul	98
8) Phenol	7.193	94	1740476	128.158	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	1346988	123.606	ng/ul	99
12) 2-Chlorophenol	7.575	128	1314980	108.414	ng/ul	97
13) 2-Methylphenol	8.452	108	1325484	116.749	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.552	45	1696543	177.470	ng/ul	100
16) Acetophenone	8.846	105	2216375	112.522	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.840	70	1109207	127.482	ng/ul	99
18) 4-Methylphenol	8.793	108	1485668	118.508	ng/ul	97
19) Hexachloroethane	9.104	117	518217	98.461	ng/ul	99
22) Nitrobenzene	9.228	77	1616930	106.253	ng/ul	97
23) Isophorone	9.757	82	3254226	109.903	ng/ul	99
25) 2-Nitrophenol	9.940	139	746820	77.771	ng/ul	97
26) 2,4-Dimethylphenol	9.999	107	1595287	98.447	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.240	93	1923388	108.060	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	1308145	68.881	ng/ul	99
30) Naphthalene	10.881	128	4469073	93.544	ng/ul	99
32) 4-Chloroaniline	10.987	127	2100389	94.894	ng/ul	99
33) Hexachlorobutadiene	11.169	225	749402	75.906	ng/ul	98
34) Caprolactam	11.763	113	465278m	104.888	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1484549	100.318	ng/ul	99
36) 2-Methylnaphthalene	12.487	142	2994738	79.986	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	3028375	78.383	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1543091	103.111	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	896450	105.080	ng/ul	95
41) 2,4,6-Trichlorophenol	13.087	196	1064940	88.371	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	1169581	89.053	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	4033176	85.927	ng/ul	99
44) 2-Chloronaphthalene	13.534	162	3204475	84.084	ng/ul	98
45) 2-Nitroaniline	13.734	65	946939	130.371	ng/ul	94
47) Dimethylphthalate	14.116	163	4056312	81.041	ng/ul	98
48) 2,6-Dinitrotoluene	14.228	165	818934	82.461	ng/ul	95
50) Acenaphthylene	14.375	152	5238102	89.683	ng/ul	99
51) 3-Nitroaniline	14.551	138	876919	106.930	ng/ul	94
52) Acenaphthene	14.716	153	3540280	85.657	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	446127	73.010	ng/ul	93
55) 4-Nitrophenol	14.851	109	662644	92.510	ng/ul	100
56) Dibenzofuran	15.051	168	4880807	82.799	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	1210929	84.397	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.269	232	1020403	102.686	ng/ul	96
59) Diethylphthalate	15.475	149	4157304	83.160	ng/ul	99
61) Fluorene	15.698	166	4106520	83.490	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1991506	93.639	ng/ul	99
63) 4-Nitroaniline	15.716	138	863351	136.449	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.769	198	699787	86.210	ng/ul	99
67) N-Nitrosodiphenylamine	15.904	169	3490092	85.943	ng/ul	100
68) 4-Bromophenyl-phenylether	16.586	248	1198400	93.258	ng/ul	95
69) Hexachlorobenzene	16.698	284	1420808	86.760	ng/ul	98
70) Atrazine	16.857	200	1207231	81.940	ng/ul	98
71) Pentachlorophenol	17.033	266	915517	90.753	ng/ul	98
72) Phenanthrene	17.439	178	6440846	83.765	ng/ul	99
74) Anthracene	17.527	178	6666656	85.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1592513	107.212	ng/uL	99
76) Pentachlorobenzene	14.969	250	1627576	96.618	ng/uL	99
77) Carbazole	17.792	167	6221308	86.024	ng/ul	99
78) Di-n-butylphthalate	18.369	149	7195849	76.672	ng/ul	99
80) Fluoranthene	19.445	202	7556526	69.362	ng/ul	97
82) Pyrene	19.810	202	8068832	70.751	ng/ul	99
83) Butylbenzylphthalate	20.710	149	3073783	54.336	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	2501560	73.486	ng/ul	99
85) Benzo(a)anthracene	21.557	228	8184636	82.576	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.492	149	4646612	55.344	ng/ul	97
87) Chrysene	21.615	228	7826432	85.469	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	8214083	48.373	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	8858280	81.966	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	8745474	81.864	ng/ul	99
93) Benzo(a)pyrene	23.933	252	8123717	89.818	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.615	276	10934289	95.328	ng/ul	99
95) Dibenzo(a,h)anthracene	26.639	278	9178842	95.651	ng/ul	100
96) Benzo(g,h,i)perylene	27.409	276	8900503	98.615	ng/ul	98

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

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