Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
Data File : BM027515.D
Acq On : 24 Sep 2020 17:54
Operator : JU/CG
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 24 20:02:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 24 19:51:19 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08001

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	91265	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	313582	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.445	164	215312	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	499148	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.368	240	527447	20.00	ng/ul	# 0.00
86) Perylene-d12	23.644	264	552764	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	48484	30.23	ng/uL	0.00
5) Phenol-d5	6.981	99	482805	81.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)eth...	7.151	67	298773	85.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.345	132	451364	87.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.516	113	412159	82.62	ng/ul	0.00
19) Nitrobenzene-d5	8.969	128	212088	91.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.686	143	238551	98.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.222	165	567988	91.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.733	131	506574	82.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.863	166	1460675	87.68	ng/ul	0.00
47) Acenaphthylene-d8	14.139	160	1738324	87.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.639	143	216074	92.57	ng/ul	0.01
58) Fluorene-d10	15.439	176	1297077	86.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.557	200	251966	93.23	ng/ul	0.01
71) Anthracene-d10	17.286	188	2030710	86.25	ng/ul	0.00
79) Pyrene-d10	19.580	212	2434737	88.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.503	264	2679400	91.24	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	57262	30.27	ng/uL	95
4) Benzaldehyde	6.957	77	315070	78.09	ng/ul	90
6) Phenol	7.004	94	496224	81.04	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.245	93	420792	86.10	ng/ul	94
10) 2-Chlorophenol	7.381	128	458147	86.62	ng/ul#	90
11) 2-Methylphenol	8.251	108	400389	82.88	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.345	45	326858	86.03	ng/ul	95
14) Acetophenone	8.634	105	648223	80.03	ng/ul	89
15) N-Nitroso-di-n-propyla...	8.634	70	318837	78.85	ng/ul#	91
16) 4-Methylphenol	8.587	108	423450	82.43	ng/ul	98
17) Hexachloroethane	8.892	117	220055	87.11	ng/ul#	62
20) Nitrobenzene	9.010	77	557279	88.11	ng/ul#	90
21) Isophorone	9.539	82	904991	83.12	ng/ul#	93
23) 2-Nitrophenol	9.716	139	252801	95.06	ng/ul	93
24) 2,4-Dimethylphenol	9.781	107	507151	85.89	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.022	93	543425	87.16	ng/ul	99
27) 2,4-Dichlorophenol	10.245	162	541370	90.22	ng/ul	94
28) Naphthalene	10.651	128	1355423	84.65	ng/ul	99
30) 4-Chloroaniline	10.757	127	484808	80.45	ng/ul	100
31) Hexachlorobutadiene	10.945	225	544716	89.62	ng/ul	98
32) Caprolactam	11.533	113	109994m	88.12	ng/ul	
33) 4-Chloro-3-methylphenol	11.880	107	434400	87.85	ng/ul	95
34) 2-Methylnaphthalene	12.263	142	1025922	84.37	ng/ul	97
35) 1-Methylnaphthalene	12.486	142	989058	83.14	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.633	216	884407	90.45	ng/ul#	96

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	618997	94.65	ng/ul	98
39) 2,4,6-Trichlorophenol	12.869	196	501355	94.78	ng/ul	98
40) 2,4,5-Trichlorophenol	12.945	196	526052	93.41	ng/ul	100
41) 1,1'-Biphenyl	13.280	154	1435448	87.39	ng/ul#	97
42) 2-Chloronaphthalene	13.322	162	1183798	86.28	ng/ul	95
43) 2-Nitroaniline	13.521	65	271477	98.59	ng/ul#	85
45) Dimethylphthalate	13.910	163	1494117	87.89	ng/ul	99
46) 2,6-Dinitrotoluene	14.021	165	313597	97.09	ng/ul	85
48) Acenaphthylene	14.169	152	1615450	85.19	ng/ul	98
49) 3-Nitroaniline	14.345	138	223135	87.18	ng/ul	90
50) Acenaphthene	14.510	153	1158171	85.95	ng/ul	98
51) 2,4-Dinitrophenol	14.551	184	171062	92.21	ng/ul#	73
53) 4-Nitrophenol	14.657	109	237248	91.87	ng/ul#	82
54) Dibenzofuran	14.845	168	1729181	85.32	ng/ul	95
55) 2,4-Dinitrotoluene	14.810	165	436813	99.05	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.068	232	472627	96.40	ng/ul#	84
57) Diethylphthalate	15.280	149	1385796	88.85	ng/ul	95
59) Fluorene	15.498	166	1425379	86.53	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	910317	87.91	ng/ul	90
61) 4-Nitroaniline	15.515	138	231161	85.22	ng/ul	88
64) 4,6-Dinitro-2-methylph...	15.574	198	272925	92.23	ng/ul#	79
65) N-Nitrosodiphenylamine	15.704	169	1182333	85.23	ng/ul	99
66) 4-Bromophenyl-phenylether	16.386	248	577640	86.85	ng/ul#	91
67) Hexachlorobenzene	16.498	284	659619	87.97	ng/ul#	92
68) Atrazine	16.662	200	550623	90.87	ng/ul	96
69) Pentachlorophenol	16.833	266	378542	92.43	ng/ul	98
70) Phenanthrene	17.233	178	2324512	86.15	ng/ul	100
72) Anthracene	17.321	178	2352358	85.77	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.239	216	838620	91.11	ng/uL	98
74) Pentachlorobenzene	14.768	250	789908	88.14	ng/uL	99
75) Carbazole	17.586	167	1894586	87.05	ng/ul	99
76) Di-n-butylphthalate	18.168	149	2204034	93.65	ng/ul	99
77) Fluoranthene	19.245	202	3080306	89.51	ng/ul#	91
80) Pyrene	19.609	202	3108025	86.56	ng/ul#	89
81) Butylbenzylphthalate	20.515	149	908068	108.34	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.286	252	1099777	97.36	ng/ul#	98
83) Benzo(a)anthracene	21.356	228	3161005	90.06	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	1326192	102.91	ng/ul#	95
85) Chrysene	21.409	228	3066398	90.34	ng/ul	99
87) Di-n-octyl phthalate	22.197	149	2312222	95.59	ng/ul	100
88) Benzo(b)fluoranthene	22.962	252	3298844	90.08	ng/ul#	98
89) Benzo(k)fluoranthene	23.009	252	3193472	87.35	ng/ul#	98
91) Benzo(a)pyrene	23.550	252	2995741	88.51	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.956	276	3895995	91.66	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.974	278	3239894	90.60	ng/ul#	96
94) Benzo(g,h,i)perylene	26.662	276	3264428	92.78	ng/ul#	95

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

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