Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043357.D
Acq On : 15 Dec 2023 14:40
Operator : MA/JU
Sample : SSTD08079
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 15 21:59:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 14:02:22 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080045

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	463656	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2170039	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1199742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2174285	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1411627	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1304803	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	404340	31.541	ng/uL	0.00
4) Pyridine-d5	3.804	84	3169609	84.306	ng/ul	0.00
7) Phenol-d5	7.163	99	4221063	86.133	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	2595555	84.976	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	3115231	83.431	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	3252867	84.144	ng/ul	0.01
21) Nitrobenzene-d5	9.175	128	1629816	83.288	ng/ul	0.01
24) 2-Nitrophenol-d4	9.892	143	1766228	92.106	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	3019510	74.343	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	4327067	73.955	ng/ul	0.01
46) Dimethylphthalate-d6	14.051	166	8203443	75.621	ng/ul	0.01
49) Acenaphthylene-d8	14.327	160	9721232	76.901	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	1655742	83.521	ng/ul	0.03
60) Fluorene-d10	15.621	176	6899176	74.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	1213427	93.624	ng/ul	0.02
73) Anthracene-d10	17.474	188	9469678	77.911	ng/ul	0.01
81) Pyrene-d10	19.756	212	9109394	94.345	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	6539274	82.927	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	441868	31.640	ng/uL	99
5) Pyridine	3.822	79	3228661	83.219	ng/ul	96
6) Benzaldehyde	7.140	77	1813656	75.660	ng/ul	97
8) Phenol	7.192	94	4136693	85.232	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	3290975	83.980	ng/ul	98
12) 2-Chlorophenol	7.557	128	3128721	82.678	ng/ul	99
13) 2-Methylphenol	8.445	108	3135618	84.016	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	5499850	84.447	ng/ul	99
16) Acetophenone	8.839	105	4872502	79.374	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.839	70	2722092	79.682	ng/ul	99
18) 4-Methylphenol	8.792	108	3383740	83.545	ng/ul	98
19) Hexachloroethane	9.069	117	1290763	80.327	ng/ul	96
22) Nitrobenzene	9.222	77	3872818	81.492	ng/ul	99
23) Isophorone	9.751	82	7764759	78.311	ng/ul	100
25) 2-Nitrophenol	9.928	139	1816475	87.024	ng/ul	98
26) 2,4-Dimethylphenol	9.986	107	2916299	72.288	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.233	93	4530427	77.114	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	2869948	72.998	ng/ul	97
30) Naphthalene	10.857	128	10066637	72.724	ng/ul	99
32) 4-Chloroaniline	10.980	127	4099409	73.624	ng/ul	98
33) Hexachlorobutadiene	11.128	225	1491060	63.251	ng/ul	99
34) Caprolactam	11.792	113	939866m	79.205	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	3318674	78.665	ng/ul	99
36) 2-Methylnaphthalene	12.463	142	6978186	71.127	ng/ul	99

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37) 1-Methylnaphthalene	12.680	142	6977039	70.078	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	2978940	73.152	ng/ul	97
40) Hexachlorocyclopentadiene	12.792	237	1727109	73.554	ng/ul	96
41) 2,4,6-Trichlorophenol	13.069	196	2120574	81.633	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	2257748	80.291	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	8659554	78.151	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	6630291	77.194	ng/ul	100
45) 2-Nitroaniline	13.727	65	2338614	97.709	ng/ul	97
47) Dimethylphthalate	14.104	163	7987031	74.993	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	1703131	85.997	ng/ul	99
50) Acenaphthylene	14.357	152	10924261	76.205	ng/ul	97
51) 3-Nitroaniline	14.551	138	1900234	85.686	ng/ul	99
52) Acenaphthene	14.692	153	7285030	77.021	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	980900	102.222	ng/ul	99
55) 4-Nitrophenol	14.863	109	1251480	85.501	ng/ul	98
56) Dibenzofuran	15.027	168	9322176	73.049	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	2336082	83.009	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	1719153	75.005	ng/ul	96
59) Diethylphthalate	15.463	149	8184050	76.352	ng/ul	98
61) Fluorene	15.680	166	8085894	73.831	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	3951014	74.917	ng/ul	89
63) 4-Nitroaniline	15.721	138	1655070m	76.166	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.768	198	1281617	91.309	ng/ul#	93
67) N-Nitrosodiphenylamine	15.886	169	6429150	83.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	2113765	78.674	ng/ul	99
69) Hexachlorobenzene	16.668	284	2350465	74.152	ng/ul	97
70) Atrazine	16.845	200	1378365	70.390	ng/ul	97
71) Pentachlorophenol	17.015	266	1487906	79.403	ng/ul	99
72) Phenanthrene	17.415	178	11162848	78.896	ng/ul	97
74) Anthracene	17.509	178	11217131	78.752	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.427	216	2995795	83.781	ng/uL	100
76) Pentachlorobenzene	14.939	250	2832662	78.593	ng/uL	97
77) Carbazole	17.780	167	9910158	84.145	ng/ul	99
78) Di-n-butylphthalate	18.345	149	12257536	80.248	ng/ul#	94
80) Fluoranthene	19.421	202	11118160	99.166	ng/ul	97
82) Pyrene	19.786	202	11037162	94.613	ng/ul	98
83) Butylbenzylphthalate	20.686	149	4923907	103.160	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	2710147	78.582	ng/ul#	97
85) Benzo(a)anthracene	21.527	228	9091737	81.061	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	7088387	97.345	ng/ul	96
87) Chrysene	21.586	228	8148803	81.078	ng/ul	97
89) Di-n-octyl phthalate	22.409	149	10832897	109.527	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	8132177	84.172	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	7657739	79.939	ng/ul	98
93) Benzo(a)pyrene	23.868	252	7354858	82.374	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	9120467	89.055	ng/ul	99
95) Dibenzo(a,h)anthracene	26.526	278	7573164	88.663	ng/ul	100
96) Benzo(g,h,i)perylene	27.279	276	6992466	89.716	ng/ul	99

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

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