Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038336.D
Acq On : 28 Dec 2022 19:35
Operator : CG/JU
Sample : SSTD08013
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 01:57:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080016

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	85605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	337069	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	221029	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	490367	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	524852	20.000	ng/ul	0.00
88) Perylene-d12	23.985	264	550674	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	71463	37.904	ng/uL	0.00
4) Pyridine-d5	3.799	84	529501	94.674	ng/ul	0.00
7) Phenol-d5	7.175	99	591015	84.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.339	67	386786	91.313	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	466442	81.739	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	461546	84.999	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	225883	84.639	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	268462	95.990	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	525058	98.841	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	631609	86.135	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	1431609	90.850	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1728172	89.733	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	254700	94.841	ng/ul	0.01
60) Fluorene-d10	15.633	176	1300393	92.626	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	314812	120.079	ng/ul	0.01
73) Anthracene-d10	17.480	188	2064847	90.223	ng/ul	0.00
81) Pyrene-d10	19.768	212	2528775	80.208	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2465593	89.642	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	75680	38.265	ng/uL	99
5) Pyridine	3.816	79	539076	95.910	ng/ul	100
6) Benzaldehyde	7.145	77	221290	85.053	ng/ul	99
8) Phenol	7.204	94	604474	86.641	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	491189	85.738	ng/ul	96
12) 2-Chlorophenol	7.569	128	471287	80.753	ng/ul	97
13) 2-Methylphenol	8.457	108	445776	83.494	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.545	45	668990	64.669	ng/ul	99
16) Acetophenone	8.845	105	787357	92.195	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.833	70	427022	106.144	ng/ul	98
18) 4-Methylphenol	8.792	108	484667	83.916	ng/ul	97
19) Hexachloroethane	9.086	117	225123	96.488	ng/ul	98
22) Nitrobenzene	9.228	77	634857	110.557	ng/ul	98
23) Isophorone	9.757	82	1137855	108.134	ng/ul	99
25) 2-Nitrophenol	9.939	139	278677	95.043	ng/ul	95
26) 2,4-Dimethylphenol	9.998	107	577163	101.790	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.233	93	674740	96.462	ng/ul	98
29) 2,4-Dichlorophenol	10.475	162	501179	96.160	ng/ul	97
30) Naphthalene	10.875	128	1483006	81.529	ng/ul	99
32) 4-Chloroaniline	10.992	127	645246	88.241	ng/ul	97
33) Hexachlorobutadiene	11.145	225	389513	113.606	ng/ul	99
34) Caprolactam	11.792	113	130919m	97.925	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	500241	105.445	ng/ul	96
36) 2-Methylnaphthalene	12.474	142	1026155	86.977	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1063473	88.154	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	715186	99.030	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	503253	121.815	ng/ul	99
41) 2,4,6-Trichlorophenol	13.080	196	446129	101.416	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	475151	103.569	ng/ul	98
43) 1,1'-Biphenyl	13.480	154	1455964	81.950	ng/ul	97
44) 2-Chloronaphthalene	13.521	162	1175057	85.735	ng/ul	98
45) 2-Nitroaniline	13.739	65	359039	108.721	ng/ul	96
47) Dimethylphthalate	14.098	163	1423032	91.530	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	297429	98.490	ng/ul	98
50) Acenaphthylene	14.368	152	1789159	84.486	ng/ul	99
51) 3-Nitroaniline	14.557	138	251614	83.510	ng/ul	92
52) Acenaphthene	14.704	153	1248434	85.232	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	221415	149.417	ng/ul	95
55) 4-Nitrophenol	14.868	109	248935	140.557	ng/ul	95
56) Dibenzofuran	15.039	168	1723718	86.195	ng/ul	99
57) 2,4-Dinitrotoluene	15.015	165	430625	105.296	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.262	232	434109	112.488	ng/ul	98
59) Diethylphthalate	15.457	149	1456584	94.045	ng/ul	98
61) Fluorene	15.686	166	1542824	94.601	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	815144	102.275	ng/ul	98
63) 4-Nitroaniline	15.721	138	231582	84.768	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.774	198	296059	116.647	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	1211257	81.887	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	488795	90.933	ng/ul	97
69) Hexachlorobenzene	16.686	284	568078	88.534	ng/ul	98
70) Atrazine	16.845	200	488459	96.632	ng/ul	96
71) Pentachlorophenol	17.033	266	353735	99.157	ng/ul	98
72) Phenanthrene	17.427	178	2331132	87.051	ng/ul	99
74) Anthracene	17.515	178	2427009	89.182	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	689407	86.963	ng/uL	98
76) Pentachlorobenzene	14.957	250	670930	85.436	ng/uL	99
77) Carbazole	17.792	167	2057651	87.271	ng/ul	99
78) Di-n-butylphthalate	18.339	149	2575971	91.915	ng/ul	99
80) Fluoranthene	19.433	202	2901664	77.983	ng/ul	99
82) Pyrene	19.797	202	3147522	81.279	ng/ul	99
83) Butylbenzylphthalate	20.680	149	1193441	82.880	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.468	252	932929	89.827	ng/ul	99
85) Benzo(a)anthracene	21.539	228	3122494	88.369	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	1838988	87.787	ng/ul	98
87) Chrysene	21.591	228	2959863	89.279	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	3122473	88.493	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	3086065	90.396	ng/ul	98
91) Benzo(k)fluoranthene	23.297	252	3127006	94.510	ng/ul	100
93) Benzo(a)pyrene	23.885	252	2744560	91.420	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	3547735	91.757	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	2974916	91.269	ng/ul	100
96) Benzo(g,h,i)perylene	27.332	276	2820075	91.353	ng/ul	98

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

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