Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036556.D
Acq On : 16 Sep 2022 10:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 22:57:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020174

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	398411	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1710853	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1094154	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2204661	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2032515	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1730898	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	82511	7.764	ng/uL	0.00
4) Pyridine-d5	3.816	84	581779	18.770	ng/ul	0.00
7) Phenol-d5	7.169	99	653224	18.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	413735	19.135	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	502939	19.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	490472	18.644	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	225951	19.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	208826	20.133	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	475368	19.776	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	754217	18.871	ng/ul	0.00
46) Dimethylphthalate-d6	14.062	166	1429641	19.373	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1680674	19.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	254242	17.763	ng/ul	0.00
60) Fluorene-d10	15.639	176	1278087	19.326	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	156576	17.951	ng/ul	0.00
73) Anthracene-d10	17.486	188	1944054	19.286	ng/ul	0.00
81) Pyrene-d10	19.762	212	2104171	21.043	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	1695651	20.052	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	86801	7.582	ng/uL	98
5) Pyridine	3.834	79	591015	18.979	ng/ul	97
6) Benzaldehyde	7.157	77	362600	21.031	ng/ul	97
8) Phenol	7.198	94	702933	18.395	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	573319	19.283	ng/ul	100
12) 2-Chlorophenol	7.581	128	546767	19.719	ng/ul	98
13) 2-Methylphenol	8.463	108	518043	18.444	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	679870	19.293	ng/ul	99
16) Acetophenone	8.851	105	869138	19.047	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.839	70	425059	19.305	ng/ul	98
18) 4-Methylphenol	8.792	108	570365	18.779	ng/ul	98
19) Hexachloroethane	9.116	117	217959	19.407	ng/ul	96
22) Nitrobenzene	9.233	77	605314	19.688	ng/ul	97
23) Isophorone	9.757	82	1194665	19.057	ng/ul	100
25) 2-Nitrophenol	9.945	139	258944	20.212	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	621662	19.674	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	737980	19.751	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	500387	19.801	ng/ul	99
30) Naphthalene	10.892	128	1808169	19.401	ng/ul	100
32) 4-Chloroaniline	10.992	127	778459	18.866	ng/ul	99
33) Hexachlorobutadiene	11.180	225	305166	19.744	ng/ul	100
34) Caprolactam	11.751	113	139134m	16.973	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	549841	19.711	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	1217559	19.607	ng/ul	100

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37) 1-Methylnaphthalene	12.704	142	1215643	19.473	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	604683	19.526	ng/ul	99
40) Hexachlorocyclopentadiene	12.839	237	301720	18.695	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	368720	19.445	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	411791	20.255	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	1581938	19.613	ng/ul	100
44) 2-Chloronaphthalene	13.533	162	1233269	19.486	ng/ul	98
45) 2-Nitroaniline	13.727	65	311989	20.027	ng/ul	96
47) Dimethylphthalate	14.110	163	1530628	19.554	ng/ul	98
48) 2,6-Dinitrotoluene	14.221	165	261202	20.524	ng/ul	99
50) Acenaphthylene	14.374	152	1940099	19.386	ng/ul	100
51) 3-Nitroaniline	14.545	138	286305	18.757	ng/ul	98
52) Acenaphthene	14.715	153	1351782	19.305	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	98925	17.518	ng/ul	99
55) 4-Nitrophenol	14.839	109	221534	18.106	ng/ul	97
56) Dibenzofuran	15.045	168	1829803	19.458	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	382352	20.666	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.268	232	330831	19.440	ng/ul	99
59) Diethylphthalate	15.468	149	1521043	19.410	ng/ul	100
61) Fluorene	15.692	166	1557555	19.447	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	750703	19.599	ng/ul	99
63) 4-Nitroaniline	15.704	138	271770	18.326	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.756	198	179989	18.286	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	1275510	19.643	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	218867	10.072	ng/ul	98
69) Hexachlorobenzene	16.692	284	485137	18.876	ng/ul	98
70) Atrazine	16.845	200	414183	18.076	ng/ul	97
71) Pentachlorophenol	17.027	266	262305	17.181	ng/ul	99
72) Phenanthrene	17.427	178	2370764	19.523	ng/ul	99
74) Anthracene	17.521	178	2406268	19.495	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.457	216	594691	19.722	ng/uL	99
76) Pentachlorobenzene	14.962	250	642400	19.697	ng/uL	100
77) Carbazole	17.786	167	2128420	18.625	ng/ul	100
78) Di-n-butylphthalate	18.356	149	2459152	18.986	ng/ul	100
80) Fluoranthene	19.433	202	2577389	21.035	ng/ul	99
82) Pyrene	19.792	202	2751509	21.214	ng/ul	98
83) Butylbenzylphthalate	20.691	149	967349	19.683	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.468	252	715204	18.009	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2524652	19.825	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1421695	19.803	ng/ul	99
87) Chrysene	21.591	228	2390666	19.778	ng/ul	100
89) Di-n-octyl phthalate	22.421	149	2013617	19.297	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	2253360	20.529	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	2232339	20.354	ng/ul	99
93) Benzo(a)pyrene	23.885	252	1928462	19.986	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	1969558	17.479	ng/ul	100
95) Dibenzo(a,h)anthracene	26.562	278	1787376	17.491	ng/ul	98
96) Benzo(g,h,i)perylene	27.326	276	1686074	17.260	ng/ul	100

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

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