Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036582.D
Acq On : 19 Sep 2022 16:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 19 22:32:17 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 :
SSTD020177

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	345556	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1526983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	972717	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1934550	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1894580	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1786644	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	69252	7.513	ng/uL	0.00
4) Pyridine-d5	3.816	84	508797	18.926	ng/ul	0.00
7) Phenol-d5	7.175	99	579293	18.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	363818	19.400	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	443815	19.962	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	451082	19.769	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	216718	20.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	197937	21.381	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	430912	20.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	688017	19.288	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1276924	19.464	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1519799	19.530	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	238264	18.725	ng/ul	0.00
60) Fluorene-d10	15.639	176	1141320	19.413	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	144216	18.842	ng/ul	0.00
73) Anthracene-d10	17.486	188	1720341	19.449	ng/ul	0.00
81) Pyrene-d10	19.768	212	1880026	20.171	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.838	264	1728931	19.807	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	74000	7.452	ng/uL	99
5) Pyridine	3.834	79	496452	18.381	ng/ul	99
6) Benzaldehyde	7.157	77	323837m	21.656	ng/ul	
8) Phenol	7.204	94	626274	18.896	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	503369	19.520	ng/ul	100
12) 2-Chlorophenol	7.587	128	484118	20.130	ng/ul	97
13) 2-Methylphenol	8.463	108	471494	19.354	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	602134	19.701	ng/ul	99
16) Acetophenone	8.851	105	791595	20.001	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.839	70	395752	20.723	ng/ul	98
18) 4-Methylphenol	8.792	108	521057	19.780	ng/ul	100
19) Hexachloroethane	9.116	117	194454	19.962	ng/ul	94
22) Nitrobenzene	9.233	77	566604	20.648	ng/ul	98
23) Isophorone	9.763	82	1114963	19.927	ng/ul	100
25) 2-Nitrophenol	9.945	139	237637	20.783	ng/ul	95
26) 2,4-Dimethylphenol	10.004	107	569796	20.204	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	672365	20.161	ng/ul	100
29) 2,4-Dichlorophenol	10.480	162	452962	20.083	ng/ul	100
30) Naphthalene	10.892	128	1646208	19.790	ng/ul	100
32) 4-Chloroaniline	10.998	127	707390	19.208	ng/ul	98
33) Hexachlorobutadiene	11.180	225	269301	19.522	ng/ul	99
34) Caprolactam	11.751	113	139570m	19.076	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	509617	20.468	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	1099072	19.831	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.710	142	1100784	19.757	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.857	216	535368	19.445	ng/ul	100
40)	Hexachlorocyclopentadiene	12.839	237	280045	19.518	ng/ul	99
41)	2,4,6-Trichlorophenol	13.086	196	332804	19.742	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	368683	20.399	ng/ul	98
43)	1,1'-Biphenyl	13.492	154	1424410	19.865	ng/ul	99
44)	2-Chloronaphthalene	13.533	162	1102135	19.588	ng/ul	99
45)	2-Nitroaniline	13.733	65	303608	21.922	ng/ul	99
47)	Dimethylphthalate	14.110	163	1362899	19.584	ng/ul	99
48)	2,6-Dinitrotoluene	14.221	165	239146	21.137	ng/ul	99
50)	Acenaphthylene	14.374	152	1750369	19.674	ng/ul	100
51)	3-Nitroaniline	14.551	138	269807	19.883	ng/ul	97
52)	Acenaphthene	14.715	153	1229817	19.756	ng/ul	99
53)	2,4-Dinitrophenol	14.751	184	98356	19.592	ng/ul	97
55)	4-Nitrophenol	14.839	109	206555	18.989	ng/ul	98
56)	Dibenzofuran	15.045	168	1639002	19.605	ng/ul	97
57)	2,4-Dinitrotoluene	15.004	165	352358	21.422	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.268	232	294849	19.489	ng/ul#	99
59)	Diethylphthalate	15.468	149	1343135	19.280	ng/ul	100
61)	Fluorene	15.692	166	1393635	19.573	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.686	204	661668	19.431	ng/ul	97
63)	4-Nitroaniline	15.704	138	256255	19.437	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.762	198	164835	19.085	ng/ul	98
67)	N-Nitrosodiphenylamine	15.898	169	1136750	19.951	ng/ul	99
68)	4-Bromophenyl-phenylether	16.580	248	339534	17.807	ng/ul	95
69)	Hexachlorobenzene	16.692	284	426324	18.903	ng/ul	98
70)	Atrazine	16.845	200	370670	18.436	ng/ul	98
71)	Pentachlorophenol	17.033	266	235159	17.554	ng/ul	98
72)	Phenanthrene	17.427	178	2113815	19.837	ng/ul	100
74)	Anthracene	17.521	178	2117575	19.551	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.457	216	527113	19.922	ng/uL	99
76)	Pentachlorobenzene	14.968	250	562349	19.650	ng/uL	99
77)	Carbazole	17.786	167	1933326	19.280	ng/ul	99
78)	Di-n-butylphthalate	18.356	149	2207222	19.420	ng/ul	100
80)	Fluoranthene	19.433	202	2331415	20.413	ng/ul	99
82)	Pyrene	19.798	202	2480711	20.519	ng/ul	99
83)	Butylbenzylphthalate	20.692	149	895019	19.537	ng/ul	93
84)	3,3'-Dichlorobenzidine	21.468	252	748682	20.224	ng/ul	98
85)	Benzo(a)anthracene	21.533	228	2366554	19.936	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.468	149	1413481	21.122	ng/ul	99
87)	Chrysene	21.586	228	2227052	19.765	ng/ul	99
89)	Di-n-octyl phthalate	22.415	149	2241562	20.811	ng/ul	100
90)	Benzo(b)fluoranthene	23.250	252	2272568	20.058	ng/ul	99
91)	Benzo(k)fluoranthene	23.297	252	2268113	20.035	ng/ul	98
93)	Benzo(a)pyrene	23.885	252	1972783	19.807	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.544	276	2042993	17.565	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.562	278	1871467	17.742	ng/ul	99
96)	Benzo(g,h,i)perylene	27.326	276	1708506	16.944	ng/ul	98

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

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