Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037318.D
Acq On : 02 Nov 2022 16:15
Operator : CG/JU
Sample : PB148668BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 02 22:53:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS668

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2022
Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	282952	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	1299754	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	838097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1767600	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1785957	20.000	ng/ul	0.00
88) Perylene-d12	23.756	264	1542143	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	35574	5.542	ng/uL	0.00
4) Pyridine-d5	3.699	84	335365	17.503	ng/ul	0.00
7) Phenol-d5	7.028	99	686749	27.889	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	426607	28.232	ng/ul	0.00
11) 2-Chlorophenol-d4	7.386	132	552782	29.381	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	560546	27.876	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	283234	29.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	313148	29.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.286	165	574864	29.483	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	588406	19.747	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	1712097	29.546	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2055414	29.504	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	348693	30.104	ng/ul	0.00
60) Fluorene-d10	15.480	176	1554265	30.077	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	312339	27.898	ng/ul	0.00
73) Anthracene-d10	17.333	188	2427305	29.817	ng/ul	0.00
81) Pyrene-d10	19.621	212	2793703	29.935	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	2438223	30.715	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	72081	10.689	ng/uL	96
5) Pyridine	3.716	79	452918	23.600	ng/ul	97
6) Benzaldehyde	7.004	77	410946	36.073	ng/ul	99
8) Phenol	7.057	94	690789	26.662	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	552638	26.588	ng/ul	99
12) 2-Chlorophenol	7.422	128	565651	27.785	ng/ul	100
13) 2-Methylphenol	8.310	108	521125	26.364	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.392	45	797250	27.006	ng/ul	100
16) Acetophenone	8.686	105	882088	27.353	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	446250	27.859	ng/ul	99
18) 4-Methylphenol	8.639	108	584974	26.866	ng/ul	100
19) Hexachloroethane	8.933	117	232622	28.791	ng/ul	99
22) Nitrobenzene	9.069	77	666367	28.436	ng/ul	99
23) Isophorone	9.598	82	1235388	27.333	ng/ul	99
25) 2-Nitrophenol	9.780	139	334402	27.665	ng/ul	100
26) 2,4-Dimethylphenol	9.839	107	585594	25.765	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.080	93	791437	28.165	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	560882	27.953	ng/ul	99
30) Naphthalene	10.710	128	1920032	27.688	ng/ul	100
32) 4-Chloroaniline	10.827	127	754497	24.437	ng/ul	100
33) Hexachlorobutadiene	10.986	225	332095	26.875	ng/ul	99
34) Caprolactam	11.627	113	186432	28.235	ng/ul	97
35) 4-Chloro-3-methylphenol	11.957	107	596468	28.659	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	1303149	27.211	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.539	142	1325075	27.497	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.686	216	669394	26.612	ng/ul	99
40)	Hexachlorocyclopentadiene	12.657	237	340709	24.229	ng/ul	97
41)	2,4,6-Trichlorophenol	12.933	196	446502	27.498	ng/ul	97
42)	2,4,5-Trichlorophenol	13.004	196	492181	28.150	ng/ul	99
43)	1,1'-Biphenyl	13.327	154	1754533	28.167	ng/ul	99
44)	2-Chloronaphthalene	13.368	162	1394280	27.856	ng/ul	99
45)	2-Nitroaniline	13.586	65	400629	30.355	ng/ul	99
47)	Dimethylphthalate	13.957	163	1758129	28.483	ng/ul	99
48)	2,6-Dinitrotoluene	14.080	165	361177	29.884	ng/ul	99
50)	Acenaphthylene	14.215	152	2171587	28.519	ng/ul	99
51)	3-Nitroaniline	14.410	138	393511	30.172	ng/ul	95
52)	Acenaphthene	14.557	153	1514686	27.955	ng/ul	100
53)	2,4-Dinitrophenol	14.621	184	207854	25.611	ng/ul	99
55)	4-Nitrophenol	14.721	109	252245	29.615	ng/ul	95
56)	Dibenzofuran	14.892	168	2078459	28.410	ng/ul	99
57)	2,4-Dinitrotoluene	14.868	165	528443	29.841	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.115	232	418232	27.476	ng/ul	99
59)	Diethylphthalate	15.315	149	1765905	28.724	ng/ul	99
61)	Fluorene	15.539	166	1786015	28.861	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.533	204	862859	28.372	ng/ul	99
63)	4-Nitroaniline	15.574	138	419736m	34.616	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.627	198	313492	26.359	ng/ul	97
67)	N-Nitrosodiphenylamine	15.751	169	1493404	28.501	ng/ul	100
68)	4-Bromophenyl-phenylether	16.427	248	517901	27.542	ng/ul	100
69)	Hexachlorobenzene	16.533	284	638886	27.839	ng/ul	99
70)	Atrazine	16.704	200	324314	17.484	ng/ul	99
71)	Pentachlorophenol	16.886	266	351107	25.001	ng/ul	98
72)	Phenanthrene	17.274	178	2834868	28.683	ng/ul	100
74)	Anthracene	17.368	178	2824916	28.408	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.292	216	697545	27.233	ng/uL	100
76)	Pentachlorobenzene	14.804	250	703824	25.253	ng/uL	100
77)	Carbazole	17.639	167	2600486	28.987	ng/ul	99
78)	Di-n-butylphthalate	18.198	149	3061754	29.623	ng/ul	99
80)	Fluoranthene	19.286	202	3301012	28.744	ng/ul	100
82)	Pyrene	19.650	202	3499511	28.925	ng/ul	100
83)	Butylbenzylphthalate	20.544	149	1389768	29.576	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.327	252	1180007	28.509	ng/ul	99
85)	Benzo(a)anthracene	21.391	228	3359173	29.308	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.315	149	2033937	31.042	ng/ul	100
87)	Chrysene	21.444	228	3193270	29.609	ng/ul	100
89)	Di-n-octyl phthalate	22.221	149	3152396	28.096	ng/ul	100
90)	Benzo(b)fluoranthene	23.038	252	3133259	29.206	ng/ul	100
91)	Benzo(k)fluoranthene	23.085	252	3071627	29.243	ng/ul	100
93)	Benzo(a)pyrene	23.650	252	2617958	29.178	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.185	276	2891823	30.116	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.197	278	2486353	28.793	ng/ul	100
96)	Benzo(g,h,i)perylene	26.932	276	2325461	28.265	ng/ul	99

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

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