Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036632.D
Acq On : 21 Sep 2022 19:24
Operator : CG/JU
Sample : PB147717BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 21 22:52:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS717

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	365455	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1659595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1072780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2183465	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1885556	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1544102	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	54704	5.611	ng/uL	0.00
4) Pyridine-d5	3.822	84	560215	19.704	ng/ul	0.00
7) Phenol-d5	7.181	99	1141418	34.950	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	662325	33.394	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	893713	38.010	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	913516	37.856	ng/ul	0.01
21) Nitrobenzene-d5	9.192	128	453602	40.381	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	472342	46.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	887235	38.050	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	1063430	27.430	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2643654	36.538	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3173418	36.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	533591	38.023	ng/ul	0.01
60) Fluorene-d10	15.639	176	2315096	35.705	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	389056	45.036	ng/ul	0.00
73) Anthracene-d10	17.486	188	3528865	35.347	ng/ul	0.00
81) Pyrene-d10	19.762	212	3901233	42.056	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2836967	37.606	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	114864	10.938	ng/uL	96
5) Pyridine	3.840	79	783250	27.421	ng/ul	94
6) Benzaldehyde	7.157	77	724138m	45.789	ng/ul	
8) Phenol	7.210	94	1176911	33.577	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.446	93	897873	32.923	ng/ul	98
12) 2-Chlorophenol	7.587	128	900499	35.404	ng/ul	96
13) 2-Methylphenol	8.469	108	880150	34.162	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1017700	31.485	ng/ul	98
16) Acetophenone	8.851	105	1421129	33.952	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.840	70	708888	35.099	ng/ul	94
18) 4-Methylphenol	8.798	108	979325	35.152	ng/ul	99
19) Hexachloroethane	9.110	117	353266	34.291	ng/ul	94
22) Nitrobenzene	9.234	77	1033020	34.637	ng/ul	95
23) Isophorone	9.769	82	2027399	33.340	ng/ul	98
25) 2-Nitrophenol	9.945	139	506638	40.768	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	1007912	32.883	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1211911	33.436	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	874909	35.690	ng/ul	99
30) Naphthalene	10.886	128	2958251	32.721	ng/ul	100
32) 4-Chloroaniline	10.992	127	895253	22.367	ng/ul	99
33) Hexachlorobutadiene	11.175	225	493286	32.902	ng/ul	98
34) Caprolactam	11.786	113	306316m	38.522	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	984627	36.387	ng/ul	98
36) 2-Methylnaphthalene	12.486	142	2028490	33.675	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	2058438	33.992	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	991550	32.656	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	415980	26.288	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	671308	36.108	ng/ul	99
42) 2,4,5-Trichlorophenol	13.163	196	740931	37.172	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	2598207	32.855	ng/ul	98
44) 2-Chloronaphthalene	13.533	162	2056667	33.143	ng/ul	99
45) 2-Nitroaniline	13.733	65	625502	40.952	ng/ul	93
47) Dimethylphthalate	14.110	163	2642045	34.424	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	528031	42.317	ng/ul	93
50) Acenaphthylene	14.374	152	3279095	33.419	ng/ul	99
51) 3-Nitroaniline	14.551	138	619630	41.404	ng/ul#	96
52) Acenaphthene	14.710	153	2269204	33.052	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	246117	44.451	ng/ul	91
55) 4-Nitrophenol	14.857	109	412512	34.387	ng/ul	95
56) Dibenzofuran	15.045	168	3072137	33.320	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	768738	42.377	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	600563	35.993	ng/ul#	98
59) Diethylphthalate	15.469	149	2691214	35.028	ng/ul	100
61) Fluorene	15.692	166	2632514	33.523	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	1259022	33.524	ng/ul	98
63) 4-Nitroaniline	15.710	138	661629	45.503	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.768	198	394281	40.446	ng/ul#	95
67) N-Nitrosodiphenylamine	15.898	169	2205843	34.301	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	729462	33.895	ng/ul	100
69) Hexachlorobenzene	16.686	284	847123	33.280	ng/ul	98
70) Atrazine	16.845	200	389539	17.165	ng/ul	99
71) Pentachlorophenol	17.033	266	489786	32.393	ng/ul	98
72) Phenanthrene	17.427	178	4076353	33.894	ng/ul	99
74) Anthracene	17.521	178	4132641	33.806	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1033845	34.619	ng/uL	99
76) Pentachlorobenzene	14.963	250	954760	29.559	ng/uL	99
77) Carbazole	17.786	167	3805528	33.624	ng/ul	99
78) Di-n-butylphthalate	18.351	149	4730134	36.873	ng/ul	99
80) Fluoranthene	19.433	202	4542692	39.963	ng/ul	99
82) Pyrene	19.792	202	4729653	39.308	ng/ul	98
83) Butylbenzylphthalate	20.686	149	2031962	44.567	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.462	252	1414427	38.391	ng/ul	99
85) Benzo(a)anthracene	21.533	228	4174445	35.335	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3035324	45.574	ng/ul	99
87) Chrysene	21.586	228	3858395	34.408	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	4794561	51.505	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	3669740	37.478	ng/ul	100
91) Benzo(k)fluoranthene	23.297	252	3453872	35.301	ng/ul	99
93) Benzo(a)pyrene	23.886	252	3062244	35.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	3353883	33.365	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	3080452	33.791	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2895854	33.231	ng/ul	99

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

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