Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042836.D
Acq On : 17 Nov 2023 10:11
Operator : MA/JU
Sample : PB156739BS
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS739

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 12:05:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	21664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	86955	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	57993	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	127506	20.000	ng/ul	-0.01
79) Chrysene-d12	21.415	240	143630	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	153833	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4330m	6.271	ng/uL	0.00
4) Pyridine-d5	3.610	84	58450	34.034	ng/ul	0.00
7) Phenol-d5	6.987	99	71410	33.868	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	53628	36.197	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	52031	31.982	ng/ul	-0.01
15) 4-Methylphenol-d8	8.539	113	52805	31.807	ng/ul	-0.01
21) Nitrobenzene-d5	9.022	128	23806	31.226	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	26822	30.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	55382	33.397	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	60943	28.945	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	176686	32.191	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	189792	32.318	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.727	143	16829	27.139	ng/ul	-0.01
60) Fluorene-d10	15.468	176	147224	32.392	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	26781	27.729	ng/ul	-0.01
73) Anthracene-d10	17.327	188	236001	33.027	ng/ul	-0.01
81) Pyrene-d10	19.627	212	305275	32.457	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	322999	35.102	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	9709	13.205	ng/uL	97
5) Pyridine	3.628	79	67050	35.904	ng/ul	99
6) Benzaldehyde	6.987	77	47134	38.963	ng/ul	90
8) Phenol	7.016	94	72054	34.356	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.263	93	58371	33.694	ng/ul	88
12) 2-Chlorophenol	7.375	128	54866	33.887	ng/ul#	89
13) 2-Methylphenol	8.269	108	50675	32.402	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	123059m	39.021	ng/ul	
16) Acetophenone	8.675	105	91141	32.649	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.639	70	57872	34.056	ng/ul	91
18) 4-Methylphenol	8.604	108	54840	32.252	ng/ul	99
19) Hexachloroethane	8.875	117	31591	35.007	ng/ul	87
22) Nitrobenzene	9.063	77	83749	36.346	ng/ul	94
23) Isophorone	9.569	82	155006	33.776	ng/ul	98
25) 2-Nitrophenol	9.763	139	28632	31.599	ng/ul	89
26) 2,4-Dimethylphenol	9.804	107	59827	30.859	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	81472	35.132	ng/ul	99
29) 2,4-Dichlorophenol	10.286	162	52978	33.743	ng/ul	99
30) Naphthalene	10.680	128	179742	32.995	ng/ul	100
32) 4-Chloroaniline	10.833	127	56608	28.024	ng/ul	99
33) Hexachlorobutadiene	10.904	225	46659	33.643	ng/ul	96
34) Caprolactam	11.651	113	16710m	35.895	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	58029	34.493	ng/ul	96
36) 2-Methylnaphthalene	12.298	142	119453	32.717	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.516	142	121444	31.636	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.645	216	79788	35.081	ng/ul	99
40)	Hexachlorocyclopentadiene	12.586	237	27674	25.701	ng/ul	91
41)	2,4,6-Trichlorophenol	12.910	196	46098	33.182	ng/ul	98
42)	2,4,5-Trichlorophenol	12.986	196	48958	36.496	ng/ul	97
43)	1,1'-Biphenyl	13.310	154	164577	34.029	ng/ul	97
44)	2-Chloronaphthalene	13.357	162	132103	33.953	ng/ul	95
45)	2-Nitroaniline	13.610	65	47819	37.686	ng/ul	94
47)	Dimethylphthalate	13.945	163	178826	33.451	ng/ul	99
48)	2,6-Dinitrotoluene	14.098	165	32815	32.673	ng/ul	89
50)	Acenaphthylene	14.204	152	223998	34.041	ng/ul	99
51)	3-Nitroaniline	14.445	138	24539	29.879	ng/ul#	95
52)	Acenaphthene	14.539	153	150379	33.791	ng/ul	98
53)	2,4-Dinitrophenol	14.657	184	11096	22.219	ng/ul	91
55)	4-Nitrophenol	14.739	109	31923m	32.714	ng/ul	
56)	Dibenzofuran	14.880	168	212235	34.360	ng/ul	100
57)	2,4-Dinitrotoluene	14.886	165	49851	33.809	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.098	232	46764	33.583	ng/ul	97
59)	Diethylphthalate	15.298	149	186523	33.273	ng/ul	97
61)	Fluorene	15.527	166	183290	34.951	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.521	204	101614	35.954	ng/ul	94
63)	4-Nitroaniline	15.610	138	24212	32.338	ng/ul#	92
66)	4,6-Dinitro-2-methylph...	15.633	198	29597	30.100	ng/ul#	87
67)	N-Nitrosodiphenylamine	15.745	169	139901	34.983	ng/ul	98
68)	4-Bromophenyl-phenylether	16.415	248	59029	34.780	ng/ul	95
69)	Hexachlorobenzene	16.498	284	71781	34.596	ng/ul	95
70)	Atrazine	16.698	200	52260	33.926	ng/ul	98
71)	Pentachlorophenol	16.862	266	37384	31.290	ng/ul	97
72)	Phenanthrene	17.274	178	279620	35.104	ng/ul	99
74)	Anthracene	17.362	178	275144	34.340	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.263	216	81565	36.177	ng/uL	96
76)	Pentachlorobenzene	14.768	250	84261	35.618	ng/uL	98
77)	Carbazole	17.657	167	220713	33.361	ng/ul	98
78)	Di-n-butylphthalate	18.174	149	329806	34.091	ng/ul	98
80)	Fluoranthene	19.286	202	350134	32.649	ng/ul	96
82)	Pyrene	19.656	202	379486	33.374	ng/ul	100
83)	Butylbenzylphthalate	20.539	149	149863	30.856	ng/ul	91
84)	3,3'-Dichlorobenzidine	21.344	252	110113	29.955	ng/ul	99
85)	Benzo(a)anthracene	21.397	228	383523	34.016	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.280	149	231618	31.432	ng/ul	98
87)	Chrysene	21.450	228	382224	34.955	ng/ul	100
89)	Di-n-octyl phthalate	22.192	149	401644	32.322	ng/ul	100
90)	Benzo(b)fluoranthene	23.044	252	388554	37.011	ng/ul	98
91)	Benzo(k)fluoranthene	23.091	252	402474	36.014	ng/ul	98
93)	Benzo(a)pyrene	23.668	252	375557	36.712	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.232	276	472712	37.182	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.244	278	389889	36.990	ng/ul	99
96)	Benzo(g,h,i)perylene	26.997	276	375845	37.228	ng/ul	99

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

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