Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042749.D
Acq On : 15 Nov 2023 00:23
Operator : MA/JU
Sample : PB156721BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS721

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 03:48:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	33773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	143866	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.486	164	101101	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.239	188	225474	20.000	ng/ul	-0.01
79) Chrysene-d12	21.421	240	261204	20.000	ng/ul	-0.01
88) Perylene-d12	23.786	264	255713	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	7653	7.110	ng/uL	0.00
4) Pyridine-d5	3.616	84	109059	40.735	ng/ul	-0.01
7) Phenol-d5	6.998	99	131135	39.896	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	97472	42.202	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	99784	39.343	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	101374	39.170	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	48863	38.739	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	55308	37.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	102031	37.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	109833	31.529	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	354160	37.013	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	384445	37.551	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.739	143	44843	41.481	ng/ul	0.00
60) Fluorene-d10	15.480	176	298721	37.701	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.627	200	67617	39.591	ng/ul	-0.01
73) Anthracene-d10	17.345	188	462451	36.597	ng/ul	0.00
81) Pyrene-d10	19.639	212	651438	38.085	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	665681	43.521	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	13567	11.836	ng/uL	90
5) Pyridine	3.634	79	99454	34.161	ng/ul	98
6) Benzaldehyde	6.998	77	61462	32.591	ng/ul	96
8) Phenol	7.028	94	120796	36.946	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	95955	35.530	ng/ul	95
12) 2-Chlorophenol	7.387	128	87523	34.675	ng/ul	91
13) 2-Methylphenol	8.287	108	85185	34.939	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.363	45	175930m	35.784	ng/ul	
16) Acetophenone	8.687	105	148702	34.170	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.657	70	95005	35.863	ng/ul	94
18) 4-Methylphenol	8.622	108	96463	36.391	ng/ul	97
19) Hexachloroethane	8.887	117	47357	33.663	ng/ul	91
22) Nitrobenzene	9.075	77	134331	35.236	ng/ul	95
23) Isophorone	9.586	82	259751	34.210	ng/ul	98
25) 2-Nitrophenol	9.775	139	49640	33.112	ng/ul	92
26) 2,4-Dimethylphenol	9.822	107	85291	26.591	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.075	93	135232	35.246	ng/ul	98
29) 2,4-Dichlorophenol	10.298	162	87101	33.531	ng/ul	98
30) Naphthalene	10.698	128	294078	32.628	ng/ul	100
32) 4-Chloroaniline	10.845	127	84395	25.253	ng/ul	98
33) Hexachlorobutadiene	10.916	225	69743	30.395	ng/ul	98
34) Caprolactam	11.669	113	29947m	38.882	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	100828	36.224	ng/ul	95
36) 2-Methylnaphthalene	12.310	142	199090	32.958	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.527	142	209241	32.945	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.657	216	126179	31.823	ng/ul	97
40)	Hexachlorocyclopentadiene	12.598	237	37658	20.061	ng/ul	93
41)	2,4,6-Trichlorophenol	12.922	196	66911	27.627	ng/ul	98
42)	2,4,5-Trichlorophenol	12.998	196	72697	31.085	ng/ul	99
43)	1,1'-Biphenyl	13.322	154	281885	33.433	ng/ul	99
44)	2-Chloronaphthalene	13.374	162	220385	32.491	ng/ul	97
45)	2-Nitroaniline	13.622	65	84508	38.203	ng/ul	93
47)	Dimethylphthalate	13.957	163	307601	33.005	ng/ul	99
48)	2,6-Dinitrotoluene	14.110	165	60062	34.304	ng/ul	94
50)	Acenaphthylene	14.216	152	356466	31.074	ng/ul	100
51)	3-Nitroaniline	14.451	138	49069	34.272	ng/ul	97
52)	Acenaphthene	14.551	153	257655	33.210	ng/ul	98
53)	2,4-Dinitrophenol	14.663	184	29243	33.590	ng/ul	83
55)	4-Nitrophenol	14.751	109	59333	34.878	ng/ul	93
56)	Dibenzofuran	14.892	168	367665	34.143	ng/ul	99
57)	2,4-Dinitrotoluene	14.892	165	95140	37.012	ng/ul#	92
58)	2,3,4,6-Tetrachlorophenol	15.110	232	60544	24.940	ng/ul#	96
59)	Diethylphthalate	15.310	149	328577	33.622	ng/ul	99
61)	Fluorene	15.539	166	319883	34.989	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.527	204	168945	34.289	ng/ul	99
63)	4-Nitroaniline	15.621	138	49703	38.078	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.645	198	57169	32.879	ng/ul	91
67)	N-Nitrosodiphenylamine	15.757	169	247741	35.033	ng/ul	99
68)	4-Bromophenyl-phenylether	16.427	248	99838	33.265	ng/ul	93
69)	Hexachlorobenzene	16.510	284	121644	33.155	ng/ul	96
70)	Atrazine	16.874	200	5742	2.108	ng/ul#	36
71)	Pentachlorophenol	16.874	266	43106	20.403	ng/ul	99
72)	Phenanthrene	17.286	178	493559	35.039	ng/ul	99
74)	Anthracene	17.374	178	481192	33.962	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.275	216	130625	32.763	ng/uL	99
76)	Pentachlorobenzene	14.780	250	137634	32.901	ng/uL	99
77)	Carbazole	17.668	167	408214	34.893	ng/ul	98
78)	Di-n-butylphthalate	18.186	149	593264	34.678	ng/ul	99
80)	Fluoranthene	19.298	202	640817	32.858	ng/ul	97
82)	Pyrene	19.668	202	694593	33.589	ng/ul	99
83)	Butylbenzylphthalate	20.545	149	285039	32.272	ng/ul	92
84)	3,3'-Dichlorobenzidine	21.350	252	202902	30.351	ng/ul	98
85)	Benzo(a)anthracene	21.409	228	685936	33.453	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.292	149	429535	32.053	ng/ul	99
87)	Chrysene	21.462	228	662892	33.335	ng/ul	99
89)	Di-n-octyl phthalate	22.203	149	735675	35.616	ng/ul	100
90)	Benzo(b)fluoranthene	23.062	252	668192	38.289	ng/ul	99
91)	Benzo(k)fluoranthene	23.109	252	718901	38.699	ng/ul	98
93)	Benzo(a)pyrene	23.686	252	610056	35.875	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.262	276	818673	38.738	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.274	278	677975	38.695	ng/ul	98
96)	Benzo(g,h,i)perylene	27.032	276	644607	38.411	ng/ul	99

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

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