Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042800.D
Acq On : 16 Nov 2023 10:43
Operator : MA/JU
Sample : PB156781BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: Nov 16 12:08:04 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

Instrument :
BNA_M
ClientSampleId :
SLCS781

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	33585	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	135654	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	87983	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	194284	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	215337	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	237426	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	5458	5.099	ng/uL	0.00
4) Pyridine-d5	3.611	84	74637	28.034	ng/ul	0.00
7) Phenol-d5	6.993	99	92065	28.166	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	69969	30.463	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	68729	27.250	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	68478	26.607	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	30562	25.697	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	35650	25.623	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	68703	26.557	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	77149	23.487	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	220584	26.490	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	240659	27.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	22050	23.438	ng/ul	0.00
60) Fluorene-d10	15.474	176	180820	26.223	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	34934	23.738	ng/ul	0.00
73) Anthracene-d10	17.333	188	286819	26.342	ng/ul	0.00
81) Pyrene-d10	19.627	212	366665	26.003	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	392106	27.610	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	12458	10.930	ng/uL#	82
5) Pyridine	3.634	79	87958	30.382	ng/ul	95
6) Benzaldehyde	6.993	77	61287	32.680	ng/ul	96
8) Phenol	7.016	94	94667	29.117	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.269	93	79064	29.439	ng/ul	94
12) 2-Chlorophenol	7.381	128	71642	28.542	ng/ul#	88
13) 2-Methylphenol	8.275	108	65637	27.072	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	155661m	31.839	ng/ul	
16) Acetophenone	8.681	105	116766	26.982	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.645	70	74668	28.343	ng/ul	93
18) 4-Methylphenol	8.610	108	72785	27.612	ng/ul	92
19) Hexachloroethane	8.875	117	40499	28.949	ng/ul	87
22) Nitrobenzene	9.069	77	107631	29.942	ng/ul	97
23) Isophorone	9.575	82	200829	28.051	ng/ul	97
25) 2-Nitrophenol	9.769	139	39027	27.609	ng/ul	92
26) 2,4-Dimethylphenol	9.810	107	77020	25.466	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.063	93	104711	28.943	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	67644	27.617	ng/ul	98
30) Naphthalene	10.687	128	232591	27.368	ng/ul	100
32) 4-Chloroaniline	10.839	127	73309	23.263	ng/ul	95
33) Hexachlorobutadiene	10.910	225	59648	27.569	ng/ul	95
34) Caprolactam	11.657	113	21264m	29.279	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	72783	27.731	ng/ul	97
36) 2-Methylnaphthalene	12.298	142	155401	27.283	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	156690	26.165	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	99624	28.872	ng/ul	97
40) Hexachlorocyclopentadiene	12.592	237	38272	23.428	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	58164	27.596	ng/ul	93
42) 2,4,5-Trichlorophenol	12.992	196	60561	29.757	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	213662	29.119	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	169016	28.633	ng/ul	98
45) 2-Nitroaniline	13.616	65	61008	31.691	ng/ul	97
47) Dimethylphthalate	13.951	163	222583	27.444	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	41607	27.306	ng/ul	95
50) Acenaphthylene	14.210	152	282493	28.297	ng/ul	99
51) 3-Nitroaniline	14.445	138	31101	24.961	ng/ul	96
52) Acenaphthene	14.545	153	189288	28.036	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	15999	21.117	ng/ul	88
55) 4-Nitrophenol	14.745	109	38554m	26.042	ng/ul	
56) Dibenzofuran	14.886	168	263709	28.141	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	62304	27.852	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.104	232	59290	28.065	ng/ul#	98
59) Diethylphthalate	15.298	149	230478	27.100	ng/ul	98
61) Fluorene	15.533	166	227118	28.546	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.521	204	124190	28.964	ng/ul	98
63) 4-Nitroaniline	15.616	138	31104	27.382	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	38681	25.817	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	173485	28.471	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	72117	27.887	ng/ul	90
69) Hexachlorobenzene	16.498	284	89541	28.323	ng/ul	98
70) Atrazine	16.704	200	67392	28.712	ng/ul	96
71) Pentachlorophenol	16.868	266	46151	25.351	ng/ul	96
72) Phenanthrene	17.280	178	342013	28.179	ng/ul	98
74) Anthracene	17.368	178	339375	27.798	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	101890	29.659	ng/uL	99
76) Pentachlorobenzene	14.774	250	105425	29.247	ng/uL	99
77) Carbazole	17.663	167	277184	27.496	ng/ul	99
78) Di-n-butylphthalate	18.180	149	401829	27.259	ng/ul	98
80) Fluoranthene	19.292	202	430969	26.805	ng/ul	97
82) Pyrene	19.657	202	459977	26.982	ng/ul	97
83) Butylbenzylphthalate	20.545	149	184743	25.372	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	136054	24.687	ng/ul	98
85) Benzo(a)anthracene	21.403	228	475331	28.120	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	285872	25.876	ng/ul	100
87) Chrysene	21.456	228	453285	27.650	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	502069	26.178	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	472568	29.165	ng/ul	98
91) Benzo(k)fluoranthene	23.097	252	491266	28.482	ng/ul	99
93) Benzo(a)pyrene	23.674	252	457769	28.993	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.244	276	576210	29.365	ng/ul	96
95) Dibenzo(a,h)anthracene	26.256	278	481618	29.605	ng/ul	99
96) Benzo(g,h,i)perylene	27.015	276	442750	28.415	ng/ul	98

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

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