Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033991.D
Acq On : 03 Feb 2022 01:33
Operator : CG/JU
Sample : PB142419BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS419

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2022
Supervised By :Yogesh Patel 02/04/2022

Quant Time: Feb 03 02:54:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	141277	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	625134	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	382602	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.295	188	673693	20.000	ng/ul	-0.01
79) Chrysene-d12	21.459	240	508574	20.000	ng/ul	0.00
88) Perylene-d12	23.847	264	524285	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	16404m	4.579	ng/uL	0.00
4) Pyridine-d5	3.713	84	227999	22.803	ng/ul	0.00
7) Phenol-d5	7.078	99	338621	28.610	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	199051	27.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.448	132	270779	28.556	ng/ul	-0.01
15) 4-Methylphenol-d8	8.637	113	283102	30.186	ng/ul	0.00
21) Nitrobenzene-d5	9.084	128	138388	27.589	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.813	143	153482	28.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.354	165	279300	28.493	ng/ul	0.00
31) 4-Chloroaniline-d4	10.866	131	348405	25.739	ng/ul	0.00
46) Dimethylphthalate-d6	13.972	166	818937	28.644	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	997133	28.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	121890	24.954	ng/ul	0.00
60) Fluorene-d10	15.548	176	656675	27.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	116310	27.500	ng/ul	0.00
73) Anthracene-d10	17.395	188	906676	28.102	ng/ul	0.00
81) Pyrene-d10	19.677	212	887397	29.555	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.694	264	771555	28.018	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	33064	8.458	ng/uL#	92
5) Pyridine	3.731	79	230487	22.333	ng/ul	86
6) Benzaldehyde	7.054	77	173591	24.291	ng/ul#	82
8) Phenol	7.107	94	322645	26.582	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.337	93	247830	25.851	ng/ul	91
12) 2-Chlorophenol	7.484	128	259547	26.125	ng/ul	89
13) 2-Methylphenol	8.366	108	253336	27.635	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.460	45	346208	26.826	ng/ul	97
16) Acetophenone	8.748	105	409863	27.528	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.737	70	214274	28.347	ng/ul#	89
18) 4-Methylphenol	8.701	108	275319	28.151	ng/ul	99
19) Hexachloroethane	9.013	117	110963	25.742	ng/ul#	84
22) Nitrobenzene	9.131	77	313034	25.208	ng/ul#	91
23) Isophorone	9.660	82	599452	26.897	ng/ul	97
25) 2-Nitrophenol	9.842	139	153361	26.388	ng/ul#	81
26) 2,4-Dimethylphenol	9.907	107	328287	25.895	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.142	93	361104	26.062	ng/ul	98
29) 2,4-Dichlorophenol	10.378	162	258945	26.440	ng/ul	97
30) Naphthalene	10.784	128	874881	25.301	ng/ul	99
32) 4-Chloroaniline	10.889	127	295595	21.507	ng/ul	97
33) Hexachlorobutadiene	11.078	225	179493	24.767	ng/ul	96
34) Caprolactam	11.666	113	76476m	27.437	ng/ul	
35) 4-Chloro-3-methylphenol	12.019	107	304692	27.149	ng/ul	90
36) 2-Methylnaphthalene	12.395	142	593447	26.049	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.613	142	609274	26.089	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.760	216	320612	26.348	ng/ul	99
40) Hexachlorocyclopentadiene	12.748	237	203638	22.685	ng/ul	99
41) 2,4,6-Trichlorophenol	13.001	196	203718	26.885	ng/ul	96
42) 2,4,5-Trichlorophenol	13.072	196	219443	27.300	ng/ul	92
43) 1,1'-Biphenyl	13.401	154	802186	26.155	ng/ul	99
44) 2-Chloronaphthalene	13.442	162	603042	26.078	ng/ul	99
45) 2-Nitroaniline	13.636	65	184818m	27.159	ng/ul	
47) Dimethylphthalate	14.019	163	760986	26.501	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	153186	27.950	ng/ul	93
50) Acenaphthylene	14.283	152	981173	26.275	ng/ul	99
51) 3-Nitroaniline	14.460	138	134331	24.827	ng/ul	87
52) Acenaphthene	14.624	153	632407	25.868	ng/ul	97
53) 2,4-Dinitrophenol	14.666	184	73474	21.968	ng/ul	87
55) 4-Nitrophenol	14.766	109	106975	22.686	ng/ul	85
56) Dibenzofuran	14.960	168	886591	25.770	ng/ul	99
57) 2,4-Dinitrotoluene	14.919	165	208531	26.666	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.183	232	170015	25.708	ng/ul	99
59) Diethylphthalate	15.377	149	771394	26.375	ng/ul	100
61) Fluorene	15.607	166	704222	25.577	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.595	204	361938	25.735	ng/ul	98
63) 4-Nitroaniline	15.619	138	132771m	25.438	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.677	198	107346	25.402	ng/ul	95
67) N-Nitrosodiphenylamine	15.807	169	588699	28.159	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	207948	28.568	ng/ul	98
69) Hexachlorobenzene	16.607	284	233437	28.047	ng/ul	96
70) Atrazine	16.760	200	195715	24.880	ng/ul	99
71) Pentachlorophenol	16.948	266	133142	24.941	ng/ul	94
72) Phenanthrene	17.336	178	986503	26.041	ng/ul	99
74) Anthracene	17.430	178	997866	26.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.366	216	315491	26.796	ng/uL	96
76) Pentachlorobenzene	14.877	250	301070	28.684	ng/uL	98
77) Carbazole	17.695	167	822234	24.399	ng/ul	98
78) Di-n-butylphthalate	18.265	149	1141607	27.244	ng/ul	98
80) Fluoranthene	19.348	202	1004354	27.945	ng/ul	99
82) Pyrene	19.706	202	998260	27.176	ng/ul	100
83) Butylbenzylphthalate	20.601	149	433041	28.933	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.377	252	263612	26.047	ng/ul	97
85) Benzo(a)anthracene	21.442	228	866803	26.309	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.371	149	651045	29.828	ng/ul	98
87) Chrysene	21.495	228	836325	25.975	ng/ul	99
89) Di-n-octyl phthalate	22.289	149	1047322	27.587	ng/ul	100
90) Benzo(b)fluoranthene	23.118	252	904040	25.385	ng/ul	99
91) Benzo(k)fluoranthene	23.165	252	834140	25.512	ng/ul	100
93) Benzo(a)pyrene	23.742	252	867128	25.749	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.341	276	1025475	26.344	ng/ul	97
95) Dibenzo(a,h)anthracene	26.353	278	884000	26.237	ng/ul	97
96) Benzo(g,h,i)perylene	27.100	276	869481	26.565	ng/ul	99

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

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