Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041122\
Data File : BM034614.D
Acq On : 11 Apr 2022 17:40
Operator : CG/JU
Sample : PB144003BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS003

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 12 02:56:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	102713	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136	425506	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	255308	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	519368	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	528885	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	533457	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	17068	5.926	ng/uL	0.00
4) Pyridine-d5	3.678	84	222812	32.053	ng/ul	0.00
7) Phenol-d5	7.043	99	266757	31.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	189152	33.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	225431	34.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	219997	32.944	ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	107672m	34.430	ng/ul	0.00
24) 2-Nitrophenol-d4	9.772	143	111659	34.295	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	205813	33.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	241835	28.592	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	624123	33.832	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	752158	31.722	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	93656m	33.295	ng/ul	0.00
60) Fluorene-d10	15.519	176	539530	33.843	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	105436	33.254	ng/ul	0.00
73) Anthracene-d10	17.365	188	829962	33.518	ng/ul	0.00
81) Pyrene-d10	19.659	212	982597	34.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	954664	35.576	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	33948	11.705	ng/uL#	72
5) Pyridine	3.702	79	238411	31.388	ng/ul#	73
6) Benzaldehyde	7.013	77	184020	35.111	ng/ul	89
8) Phenol	7.066	94	283690	32.848	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	226122	32.443	ng/ul#	85
12) 2-Chlorophenol	7.443	128	228928	33.983	ng/ul#	88
13) 2-Methylphenol	8.325	108	210189	32.922	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.419	45	345423	33.147	ng/ul#	86
16) Acetophenone	8.707	105	338628	32.487	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.695	70	190016	34.248	ng/ul#	87
18) 4-Methylphenol	8.654	108	227093	33.436	ng/ul	98
19) Hexachloroethane	8.966	117	100199	33.069	ng/ul	83
22) Nitrobenzene	9.084	77	274454	33.477	ng/ul	91
23) Isophorone	9.613	82	482177	33.120	ng/ul#	92
25) 2-Nitrophenol	9.801	139	117574	33.715	ng/ul#	87
26) 2,4-Dimethylphenol	9.860	107	250449	32.356	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.095	93	291640	33.296	ng/ul	100
29) 2,4-Dichlorophenol	10.336	162	201121	33.239	ng/ul#	95
30) Naphthalene	10.736	128	723547	32.663	ng/ul	98
32) 4-Chloroaniline	10.848	127	233891	27.602	ng/ul	100
33) Hexachlorobutadiene	11.031	225	136537	32.096	ng/ul	98
34) Caprolactam	11.613	113	67301m	34.238	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	218259	34.747	ng/ul	92
36) 2-Methylnaphthalene	12.354	142	469297	33.055	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	485770	33.350	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	244665	32.016	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	140778	28.072	ng/ul	97
41) 2,4,6-Trichlorophenol	12.960	196	156880	33.794	ng/ul	96
42) 2,4,5-Trichlorophenol	13.036	196	168755	35.080	ng/ul	99
43) 1,1'-Biphenyl	13.360	154	626894	32.414	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	483372	32.555	ng/ul	96
45) 2-Nitroaniline	13.607	65	150412	37.151	ng/ul	84
47) Dimethylphthalate	13.983	163	609848	33.592	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	124270	35.631	ng/ul	88
50) Acenaphthylene	14.248	152	800274	33.246	ng/ul	99
51) 3-Nitroaniline	14.430	138	102634	33.659	ng/ul	86
52) Acenaphthene	14.589	153	524458	32.725	ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	60347	30.703	ng/ul#	76
55) 4-Nitrophenol	14.736	109	84925	35.354	ng/ul#	85
56) Dibenzofuran	14.924	168	733817	33.690	ng/ul	95
57) 2,4-Dinitrotoluene	14.889	165	182826	37.663	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.154	232	146692	34.732	ng/ul	93
59) Diethylphthalate	15.348	149	640269	34.721	ng/ul	97
61) Fluorene	15.571	166	622595	33.878	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.566	204	296221	33.394	ng/ul	93
63) 4-Nitroaniline	15.589	138	104116	38.777	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	15.648	198	103816	32.838	ng/ul#	84
67) N-Nitrosodiphenylamine	15.777	169	526616	34.033	ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	178584	33.263	ng/ul#	92
69) Hexachlorobenzene	16.577	284	211669	32.828	ng/ul#	90
70) Atrazine	16.730	200	190584	32.913	ng/ul	98
71) Pentachlorophenol	16.918	266	126063	31.930	ng/ul	99
72) Phenanthrene	17.313	178	979788	33.808	ng/ul	99
74) Anthracene	17.401	178	976087	33.990	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.330	216	257070	31.515	ng/uL	98
76) Pentachlorobenzene	14.848	250	240448	31.411	ng/uL	99
77) Carbazole	17.671	167	812440	34.199	ng/ul	98
78) Di-n-butylphthalate	18.236	149	1077525	35.736	ng/ul	99
80) Fluoranthene	19.324	202	1145659	35.863	ng/ul#	89
82) Pyrene	19.689	202	1203299	34.655	ng/ul#	89
83) Butylbenzylphthalate	20.583	149	489668	36.023	ng/ul#	86
84) 3,3'-Dichlorobenzidine	21.365	252	296785	32.019	ng/ul#	97
85) Benzo(a)anthracene	21.430	228	1076460	35.004	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	726287	35.700	ng/ul#	97
87) Chrysene	21.483	228	1128783	34.040	ng/ul	100
89) Di-n-octyl phthalate	22.277	149	1258811	35.445	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1156385	36.481	ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	1164795	34.991	ng/ul#	98
93) Benzo(a)pyrene	23.724	252	1118929	35.716	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.300	276	1215914	36.267	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.318	278	993016	36.129	ng/ul#	96
96) Benzo(g,h,i)perylene	27.059	276	1109596	34.480	ng/ul#	94

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

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