Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020623\
Data File : BM038700.D
Acq On : 06 Feb 2023 19:45
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV039

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023

Quant Time: Feb 07 01:35:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 01:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	75924	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	324986	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	275220	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	597402	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	446554	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	470412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11373	7.983	ng/uL	0.00
4) Pyridine-d5	3.711	84	75191	20.258	ng/ul	0.00
7) Phenol-d5	7.081	99	98110	19.865	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	55250	20.351	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	92140	20.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	89554	20.220	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	48146	19.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	65709	20.074	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	136475	20.752	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	146822	19.308	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	430942	19.730	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	492041	20.220	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	69396	19.514	ng/ul	0.00
60) Fluorene-d10	15.539	176	378733	20.432	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	74444	20.413	ng/ul	0.00
73) Anthracene-d10	17.392	188	590986	20.962	ng/ul	0.00
81) Pyrene-d10	19.680	212	567730	20.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	489910	20.112	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	11758	8.071	ng/uL	95
5) Pyridine	3.734	79	72758	19.503	ng/ul	98
6) Benzaldehyde	7.052	77	47861	24.291	ng/ul	97
8) Phenol	7.110	94	101936	20.660	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.334	93	81965	20.702	ng/ul	98
12) 2-Chlorophenol	7.469	128	96093	21.806	ng/ul	98
13) 2-Methylphenol	8.363	108	84133	20.397	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	74617m	21.484	ng/ul	
16) Acetophenone	8.740	105	148584	20.763	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.728	70	69927	22.121	ng/ul	99
18) 4-Methylphenol	8.699	108	95882	21.051	ng/ul	95
19) Hexachloroethane	8.981	117	41164	21.527	ng/ul	98
22) Nitrobenzene	9.122	77	107240	20.935	ng/ul	98
23) Isophorone	9.651	82	212125	21.283	ng/ul	99
25) 2-Nitrophenol	9.834	139	71072	21.987	ng/ul	99
26) 2,4-Dimethylphenol	9.899	107	115870	21.242	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.134	93	123853	20.672	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	137927	21.575	ng/ul	98
30) Naphthalene	10.769	128	336441	20.921	ng/ul	99
32) 4-Chloroaniline	10.887	127	149723	20.095	ng/ul	98
33) Hexachlorobutadiene	11.040	225	72150	21.710	ng/ul	96
34) Caprolactam	11.681	113	31853m	21.332	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	107341	21.549	ng/ul	96
36) 2-Methylnaphthalene	12.375	142	277472	22.016	ng/ul	99

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37) 1-Methylnaphthalene	12.592	142	279597	21.499	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.739	216	136957	21.174	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	62110	16.845	ng/ul	94
41) 2,4,6-Trichlorophenol	12.992	196	110169	21.152	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	117600	20.717	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	412606	20.339	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	346486	21.035	ng/ul	98
45) 2-Nitroaniline	13.645	65	67056	21.360	ng/ul	95
47) Dimethylphthalate	14.010	163	450737	20.835	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	89793	20.919	ng/ul	98
50) Acenaphthylene	14.275	152	522235	20.688	ng/ul	99
51) 3-Nitroaniline	14.469	138	75885	21.409	ng/ul	91
52) Acenaphthene	14.610	153	375111	20.999	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	50411	19.088	ng/ul	97
55) 4-Nitrophenol	14.786	109	63233	20.425	ng/ul	95
56) Dibenzofuran	14.945	168	530776	20.833	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	134563	21.699	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	90245	21.012	ng/ul	91
59) Diethylphthalate	15.369	149	457997	21.197	ng/ul	100
61) Fluorene	15.592	166	451868	21.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.586	204	195507	21.269	ng/ul	99
63) 4-Nitroaniline	15.633	138	62513m	22.859	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	72908	20.625	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	377177	21.327	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	117712	21.034	ng/ul	98
69) Hexachlorobenzene	16.592	284	153257	21.489	ng/ul	99
70) Atrazine	16.757	200	128003	19.950	ng/ul	98
71) Pentachlorophenol	16.945	266	85379	19.434	ng/ul	98
72) Phenanthrene	17.333	178	712129	21.267	ng/ul	100
74) Anthracene	17.427	178	739762	21.713	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	138581	21.423	ng/uL	97
76) Pentachlorobenzene	14.863	250	170429	23.232	ng/uL	97
77) Carbazole	17.704	167	664203	21.089	ng/ul	99
78) Di-n-butylphthalate	18.251	149	878482	21.493	ng/ul	100
80) Fluoranthene	19.345	202	746599	21.914	ng/ul	100
82) Pyrene	19.710	202	773771	21.695	ng/ul	99
83) Butylbenzylphthalate	20.598	149	370542	20.945	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	220708	20.732	ng/ul	99
85) Benzo(a)anthracene	21.451	228	635014	20.487	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	541523	20.625	ng/ul	100
87) Chrysene	21.504	228	572276	19.984	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	856610	17.729	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	609813	19.830	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	598677	19.695	ng/ul	99
93) Benzo(a)pyrene	23.745	252	520882	20.239	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	641187	19.646	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	585072	21.427	ng/ul	97
96) Benzo(g,h,i)perylene	27.086	276	565021	22.001	ng/ul	99

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

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