Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
Data File : BM038369.D
Acq On : 04 Jan 2023 14:29
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 05 02:13:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 02:11:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/05/2023
Supervised By :mohammad ahmed

01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	64164	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	250232	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	163729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	379889	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	414358	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	462844	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	15072	7.618	ng/uL	0.00
4) Pyridine-d5	3.799	84	103253	18.038	ng/ul	0.00
7) Phenol-d5	7.163	99	105433	18.038	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	73329	17.439	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	79651	19.018	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	81818	18.133	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	37492	19.097	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	43261	19.430	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	86652	20.153	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	102610	17.294	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	239600	19.323	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	280721	19.427	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	39260	17.588	ng/ul	0.00
60) Fluorene-d10	15.621	176	219393	19.456	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	48010	17.437	ng/ul	0.00
73) Anthracene-d10	17.474	188	355617	19.406	ng/ul	0.00
81) Pyrene-d10	19.762	212	438763	19.029	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	454032	19.751	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	16373	7.751	ng/uL	92
5) Pyridine	3.816	79	109480	18.106	ng/ul	96
6) Benzaldehyde	7.140	77	53231	22.151	ng/ul	97
8) Phenol	7.187	94	113188	18.354	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	91768	18.585	ng/ul	98
12) 2-Chlorophenol	7.563	128	85861	19.852	ng/ul	97
13) 2-Methylphenol	8.445	108	81783	18.568	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	136168	17.387	ng/ul	99
16) Acetophenone	8.834	105	140340	17.577	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.810	70	79842	18.563	ng/ul	98
18) 4-Methylphenol	8.775	108	88276	18.421	ng/ul	94
19) Hexachloroethane	9.081	117	40104	19.911	ng/ul#	86
22) Nitrobenzene	9.216	77	119674	18.482	ng/ul	96
23) Isophorone	9.739	82	210491	18.961	ng/ul	98
25) 2-Nitrophenol	9.928	139	47989	20.692	ng/ul	97
26) 2,4-Dimethylphenol	9.987	107	106426	19.630	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	117634	18.520	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	87741	20.986	ng/ul	98
30) Naphthalene	10.863	128	264456	19.814	ng/ul	99
32) 4-Chloroaniline	10.981	127	109037	18.036	ng/ul	98
33) Hexachlorobutadiene	11.139	225	72118	23.168	ng/ul	95
34) Caprolactam	11.763	113	22714m	19.034	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	94271	21.191	ng/ul	100
36) 2-Methylnaphthalene	12.469	142	186019	21.380	ng/ul	98

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37) 1-Methylnaphthalene	12.686	142	186583	20.728	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.833	216	131236	22.671	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	75485	18.463	ng/ul	100
41) 2,4,6-Trichlorophenol	13.075	196	79089	22.012	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	83193	21.605	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	245173	19.810	ng/ul	96
44) 2-Chloronaphthalene	13.516	162	203227	20.111	ng/ul	99
45) 2-Nitroaniline	13.727	65	64268	19.012	ng/ul	97
47) Dimethylphthalate	14.092	163	251708	20.004	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	48424	20.211	ng/ul	93
50) Acenaphthylene	14.357	152	296540	19.345	ng/ul	100
51) 3-Nitroaniline	14.545	138	41680	18.893	ng/ul	92
52) Acenaphthene	14.698	153	214799	19.801	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	32493	18.140	ng/ul	91
55) 4-Nitrophenol	14.851	109	43493	18.614	ng/ul	93
56) Dibenzofuran	15.027	168	302165	19.599	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	72314	20.631	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.257	232	76166	22.145	ng/ul#	94
59) Diethylphthalate	15.445	149	262367	20.117	ng/ul	97
61) Fluorene	15.674	166	254589	19.235	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	142255	20.421	ng/ul	97
63) 4-Nitroaniline	15.704	138	39977	18.937	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.763	198	49338	18.701	ng/ul	98
67) N-Nitrosodiphenylamine	15.886	169	212755	19.641	ng/ul	97
68) 4-Bromophenyl-phenylether	16.563	248	87184	21.664	ng/ul	99
69) Hexachlorobenzene	16.674	284	102118	21.999	ng/ul	96
70) Atrazine	16.833	200	81039	18.100	ng/ul	100
71) Pentachlorophenol	17.021	266	60543	19.763	ng/ul	97
72) Phenanthrene	17.415	178	407842	19.676	ng/ul	99
74) Anthracene	17.510	178	418792	19.649	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	125787	21.939	ng/uL	99
76) Pentachlorobenzene	14.951	250	131107	23.730	ng/uL	98
77) Carbazole	17.780	167	355937	18.213	ng/ul	98
78) Di-n-butylphthalate	18.327	149	466755	19.990	ng/ul	100
80) Fluoranthene	19.427	202	510589	19.580	ng/ul	96
82) Pyrene	19.786	202	549860	19.348	ng/ul	97
83) Butylbenzylphthalate	20.674	149	211758	19.429	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.462	252	181498	21.005	ng/ul	100
85) Benzo(a)anthracene	21.533	228	576683	19.556	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	325467	19.346	ng/ul	98
87) Chrysene	21.586	228	562961	19.872	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	590734	17.841	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	585768	20.004	ng/ul	98
91) Benzo(k)fluoranthene	23.280	252	598929	20.367	ng/ul	98
93) Benzo(a)pyrene	23.868	252	520580	19.642	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.521	276	597291	17.733	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	532567	18.947	ng/ul	98
96) Benzo(g,h,i)perylene	27.309	276	536182	19.442	ng/ul	97

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

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