Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030723\
Data File : BP013968.D
Acq On : 07 Mar 2023 18:46
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV623

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 01:25:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 01:24:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	125251	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	503234	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.722	164	364993	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	956627	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	1164878	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1315867	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	23182	6.993	ng/uL	0.00
4) Pyridine-d5	3.870	84	157083	17.114	ng/ul	0.00
7) Phenol-d5	7.234	99	194184	17.568	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	130060	20.176	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	152436	18.102	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	163735	18.135	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	78770	19.618	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	92060	19.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	172329	19.055	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	212308	17.739	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	575638	18.583	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	618758	18.857	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	104464	19.137	ng/ul	0.00
60) Fluorene-d10	15.716	176	485057	18.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	125090	17.301	ng/ul	0.00
73) Anthracene-d10	17.581	188	822803	17.718	ng/ul	0.00
81) Pyrene-d10	19.798	212	1057760	16.464	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1187628	16.968	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	23683	6.618	ng/uL	92
5) Pyridine	3.893	79	153056	16.443	ng/ul	97
6) Benzaldehyde	7.216	77	142359m	25.885	ng/ul	
8) Phenol	7.264	94	209155	18.349	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	160663	18.398	ng/ul	98
12) 2-Chlorophenol	7.646	128	162578	19.162	ng/ul	99
13) 2-Methylphenol	8.528	108	157432	18.574	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.616	45	181636	19.260	ng/ul	96
16) Acetophenone	8.916	105	282145	19.344	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.899	70	144444	19.358	ng/ul	99
18) 4-Methylphenol	8.858	108	173719	18.634	ng/ul	97
19) Hexachloroethane	9.175	117	67990	18.297	ng/ul	93
22) Nitrobenzene	9.299	77	209386	19.494	ng/ul	100
23) Isophorone	9.828	82	406327	19.644	ng/ul	99
25) 2-Nitrophenol	10.016	139	100609	20.310	ng/ul	98
26) 2,4-Dimethylphenol	10.069	107	212571	19.605	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.310	93	228553	19.103	ng/ul	98
29) 2,4-Dichlorophenol	10.552	162	173424	19.440	ng/ul	98
30) Naphthalene	10.957	128	514132	18.605	ng/ul	99
32) 4-Chloroaniline	11.069	127	219315	18.210	ng/ul	97
33) Hexachlorobutadiene	11.240	225	128391	18.086	ng/ul	97
34) Caprolactam	11.852	113	61471m	21.221	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	202789	19.658	ng/ul	96
36) 2-Methylnaphthalene	12.557	142	376643	19.432	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.775	142	359527	18.455	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.922	216	254507	19.283	ng/ul	97
40)	Hexachlorocyclopentadiene	12.899	237	166632	17.630	ng/ul	100
41)	2,4,6-Trichlorophenol	13.157	196	161819	19.517	ng/ul	97
42)	2,4,5-Trichlorophenol	13.234	196	172219	18.927	ng/ul	99
43)	1,1'-Biphenyl	13.557	154	518863	18.465	ng/ul	99
44)	2-Chloronaphthalene	13.604	162	403291	18.070	ng/ul	99
45)	2-Nitroaniline	13.810	65	129158	19.567	ng/ul	96
47)	Dimethylphthalate	14.175	163	579010	18.884	ng/ul	99
48)	2,6-Dinitrotoluene	14.298	165	124205	20.490	ng/ul	98
50)	Acenaphthylene	14.446	152	658646	19.126	ng/ul	99
51)	3-Nitroaniline	14.628	138	122924	22.903	ng/ul	97
52)	Acenaphthene	14.787	153	454363	18.873	ng/ul	99
53)	2,4-Dinitrophenol	14.834	184	85841	18.963	ng/ul	97
55)	4-Nitrophenol	14.928	109	115500	19.588	ng/ul	99
56)	Dibenzofuran	15.122	168	660902	18.871	ng/ul	100
57)	2,4-Dinitrotoluene	15.087	165	181309	20.019	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.345	232	182386	20.951	ng/ul	95
59)	Diethylphthalate	15.534	149	605979	19.486	ng/ul	100
61)	Fluorene	15.769	166	551123	18.984	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.757	204	304905	19.029	ng/ul	98
63)	4-Nitroaniline	15.793	138	132809	24.073	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.851	198	126767	18.378	ng/ul	96
67)	N-Nitrosodiphenylamine	15.975	169	493048	18.249	ng/ul	98
68)	4-Bromophenyl-phenylether	16.657	248	202282	17.491	ng/ul	100
69)	Hexachlorobenzene	16.781	284	244111	17.913	ng/ul	99
70)	Atrazine	16.928	200	216493	18.578	ng/ul	99
71)	Pentachlorophenol	17.128	266	156378	17.555	ng/ul	98
72)	Phenanthrene	17.522	178	917549	17.585	ng/ul	99
74)	Anthracene	17.616	178	950107	17.959	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.528	216	241678	16.462	ng/uL	99
76)	Pentachlorobenzene	15.040	250	260390	17.074	ng/uL	98
77)	Carbazole	17.881	167	871314	18.672	ng/ul	99
78)	Di-n-butylphthalate	18.410	149	1082905	18.568	ng/ul	100
80)	Fluoranthene	19.475	202	1207019	16.483	ng/ul	100
82)	Pyrene	19.828	202	1276959	16.716	ng/ul	100
83)	Butylbenzylphthalate	20.680	149	534559	17.355	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.463	252	577498	19.366	ng/ul	99
85)	Benzo(a)anthracene	21.539	228	1418666	17.315	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.433	149	813802	17.672	ng/ul	98
87)	Chrysene	21.598	228	1340280	17.164	ng/ul	99
89)	Di-n-octyl phthalate	22.404	149	1402470	16.891	ng/ul	100
90)	Benzo(b)fluoranthene	23.316	252	1522691	17.366	ng/ul	100
91)	Benzo(k)fluoranthene	23.369	252	1425788	17.053	ng/ul	100
93)	Benzo(a)pyrene	23.986	252	1304193	17.101	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.780	276	1666585	16.507	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.792	278	1397488	16.654	ng/ul	100
96)	Benzo(g,h,i)perylene	27.604	276	1322311	16.386	ng/ul	97

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

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