Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
Data File : BP017091.D
Acq On : 11 Sep 2023 05:54
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 107 Sample Multiplier: 1

Quant Time: Sep 11 06:26:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 06:13:29 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV609

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/11/2023
Supervised By :mohammad ahmed
09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	324501	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	1480877	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	943546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2007927	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1772687	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1820477	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	62734	7.379	ng/uL	0.00
4) Pyridine-d5	3.752	84	452883	17.665	ng/ul	0.00
7) Phenol-d5	7.110	99	520257	17.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	363430	18.370	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	404469	18.972	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	425506	18.235	ng/ul	0.00
21) Nitrobenzene-d5	9.157	128	203040	19.258	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	212813	19.558	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	394690	19.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	611394	18.479	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	1270610	18.925	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	1442852	18.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	242493	17.507	ng/ul	0.00
60) Fluorene-d10	15.616	176	1062065	18.642	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	188269	16.615	ng/ul	0.00
73) Anthracene-d10	17.486	188	1609194	18.697	ng/ul	0.00
81) Pyrene-d10	19.721	212	1787502	19.148	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	1615604	18.486	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	67073	7.268	ng/uL	98
5) Pyridine	3.775	79	474072	17.604	ng/ul	99
6) Benzaldehyde	7.116	77	358582	20.662	ng/ul	97
8) Phenol	7.140	94	554213	17.680	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.399	93	459729	18.390	ng/ul	99
12) 2-Chlorophenol	7.510	128	416006	18.831	ng/ul	98
13) 2-Methylphenol	8.398	108	404393	17.989	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	728998m	18.618	ng/ul	
16) Acetophenone	8.810	105	703066	18.759	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	390755	19.487	ng/ul	98
18) 4-Methylphenol	8.734	108	445037	18.112	ng/ul	98
19) Hexachloroethane	9.028	117	173827	18.673	ng/ul	98
22) Nitrobenzene	9.204	77	561516	18.580	ng/ul	100
23) Isophorone	9.716	82	1065497	19.410	ng/ul	99
25) 2-Nitrophenol	9.904	139	239404	19.583	ng/ul	98
26) 2,4-Dimethylphenol	9.945	107	488379	18.703	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.204	93	649424	18.866	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	400432	18.894	ng/ul	99
30) Naphthalene	10.839	128	1411107	18.495	ng/ul	99
32) 4-Chloroaniline	10.969	127	607278	18.482	ng/ul	99
33) Hexachlorobutadiene	11.063	225	227483	19.273	ng/ul	97
34) Caprolactam	11.792	113	138441	18.658	ng/ul	93
35) 4-Chloro-3-methylphenol	12.069	107	458737	19.255	ng/ul	98
36) 2-Methylnaphthalene	12.439	142	965449	18.951	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	981127	18.942	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	450078	18.412	ng/ul	99
40) Hexachlorocyclopentadiene	12.739	237	246467	17.017	ng/ul	99
41) 2,4,6-Trichlorophenol	13.045	196	307378	18.878	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	326953	18.448	ng/ul	98
43) 1,1'-Biphenyl	13.451	154	1286072	18.429	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	999822	18.274	ng/ul	100
45) 2-Nitroaniline	13.733	65	323761	18.674	ng/ul	98
47) Dimethylphthalate	14.081	163	1286453	18.740	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	241076	19.525	ng/ul	95
50) Acenaphthylene	14.345	152	1695495	18.817	ng/ul	99
51) 3-Nitroaniline	14.563	138	258995	18.441	ng/ul	96
52) Acenaphthene	14.680	153	1102956	18.194	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	118779	15.260	ng/ul	95
55) 4-Nitrophenol	14.851	109	199239	17.445	ng/ul	96
56) Dibenzofuran	15.016	168	1494899	18.154	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	362005	19.125	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.233	232	264415	19.139	ng/ul	96
59) Diethylphthalate	15.433	149	1310033	18.911	ng/ul	99
61) Fluorene	15.669	166	1261865	18.360	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	588408	18.498	ng/ul	99
63) 4-Nitroaniline	15.733	138	251919	18.589	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	207686	16.835	ng/ul	92
67) N-Nitrosodiphenylamine	15.886	169	1031391	18.676	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	319010	18.998	ng/ul	96
69) Hexachlorobenzene	16.645	284	349182	18.688	ng/ul	97
70) Atrazine	16.839	200	363967	19.048	ng/ul	98
71) Pentachlorophenol	17.010	266	211116	16.620	ng/ul	97
72) Phenanthrene	17.427	178	1921928	18.267	ng/ul	100
74) Anthracene	17.522	178	1960050	18.426	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	478314	18.745	ng/uL	98
76) Pentachlorobenzene	14.910	250	416187	18.930	ng/uL	99
77) Carbazole	17.810	167	1780499	18.365	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2201478	19.694	ng/ul	99
80) Fluoranthene	19.398	202	2145294	19.050	ng/ul	100
82) Pyrene	19.751	202	2269168	18.866	ng/ul	98
83) Butylbenzylphthalate	20.615	149	981043	19.824	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	677046	18.702	ng/ul	100
85) Benzo(a)anthracene	21.468	228	2211429	18.609	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1431872	20.218	ng/ul	100
87) Chrysene	21.527	228	2018626	18.522	ng/ul	99
89) Di-n-octyl phthalate	22.309	149	2416349	17.799	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2011333	18.093	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	2053610	18.373	ng/ul	99
93) Benzo(a)pyrene	23.898	252	1913239	18.514	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2161848	18.625	ng/ul	98
95) Dibenzo(a,h)anthracene	26.715	278	1796294	18.561	ng/ul	100
96) Benzo(g,h,i)perylene	27.533	276	1664357	18.813	ng/ul	99

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

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