Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017568.D
Acq On : 05 Oct 2023 16:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020770

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 02:52:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:33:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	109138	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	458207	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	306476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.421	188	704064	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	740839	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	816832	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	22825	8.361	ng/uL	0.00
4) Pyridine-d5	3.728	84	165912	23.219	ng/ul	0.00
7) Phenol-d5	7.098	99	214061	23.312	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	127108	22.685	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	168720	23.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	170259	23.161	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	81903	23.234	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	93407	23.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	177051	24.020	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	248349	23.652	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	549722	22.995	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	614165	23.298	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	93146	22.250	ng/ul	0.00
60) Fluorene-d10	15.633	176	476774	23.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.774	200	87242	19.876	ng/ul	0.00
73) Anthracene-d10	17.521	188	767693	23.556	ng/ul	0.00
81) Pyrene-d10	19.780	212	945849	22.976	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	955062	23.168	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	23987	8.548	ng/uL	98
5) Pyridine	3.746	79	171057	22.797	ng/ul	97
6) Benzaldehyde	7.098	77	117641	25.413	ng/ul	98
8) Phenol	7.128	94	214209	23.291	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	168469	22.623	ng/ul	99
12) 2-Chlorophenol	7.492	128	169929	23.222	ng/ul	100
13) 2-Methylphenol	8.392	108	159263	23.106	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.451	45	227375m	23.189	ng/ul	
16) Acetophenone	8.798	105	268125	23.128	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	138975	23.363	ng/ul	96
18) 4-Methylphenol	8.728	108	176127	23.614	ng/ul	100
19) Hexachloroethane	9.004	117	71265	21.939	ng/ul	99
22) Nitrobenzene	9.192	77	211300	23.304	ng/ul	98
23) Isophorone	9.704	82	385947	23.200	ng/ul	97
25) 2-Nitrophenol	9.898	139	100229	23.758	ng/ul	99
26) 2,4-Dimethylphenol	9.939	107	196503	23.493	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.192	93	232772	22.886	ng/ul	98
29) 2,4-Dichlorophenol	10.422	162	173678	24.267	ng/ul	98
30) Naphthalene	10.828	128	566290	23.164	ng/ul	99
32) 4-Chloroaniline	10.969	127	241368	24.082	ng/ul	99
33) Hexachlorobutadiene	11.051	225	118368	22.774	ng/ul	98
34) Caprolactam	11.804	113	54904	24.720	ng/ul	99
35) 4-Chloro-3-methylphenol	12.080	107	187831	24.867	ng/ul	98
36) 2-Methylnaphthalene	12.439	142	389090	23.292	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	403270	23.529	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	226804	22.588	ng/ul	100
40) Hexachlorocyclopentadiene	12.733	237	98338	17.364	ng/ul	97
41) 2,4,6-Trichlorophenol	13.057	196	148761	23.247	ng/ul	100
42) 2,4,5-Trichlorophenol	13.127	196	160366	23.800	ng/ul	99
43) 1,1'-Biphenyl	13.457	154	529287	22.560	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	424421	22.754	ng/ul	100
45) 2-Nitroaniline	13.751	65	126817	24.467	ng/ul	99
47) Dimethylphthalate	14.098	163	552457	22.992	ng/ul	100
48) 2,6-Dinitrotoluene	14.245	165	106520	23.790	ng/ul	97
50) Acenaphthylene	14.363	152	698685	22.919	ng/ul	99
51) 3-Nitroaniline	14.592	138	105696	24.763	ng/ul	93
52) Acenaphthene	14.698	153	458172	22.769	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	43638	16.465	ng/ul	89
55) 4-Nitrophenol	14.892	109	99113	26.365	ng/ul	98
56) Dibenzofuran	15.039	168	654221	23.101	ng/ul	100
57) 2,4-Dinitrotoluene	15.033	165	165089	24.704	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	141760	23.771	ng/ul	94
59) Diethylphthalate	15.457	149	557932	23.150	ng/ul	99
61) Fluorene	15.692	166	544972	23.300	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	279780	23.350	ng/ul	97
63) 4-Nitroaniline	15.768	138	108200	26.970	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.792	198	93699	19.954	ng/ul	99
67) N-Nitrosodiphenylamine	15.916	169	454177	23.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	173753	23.279	ng/ul	99
69) Hexachlorobenzene	16.674	284	203705	23.174	ng/ul	98
70) Atrazine	16.880	200	175990	23.073	ng/ul	96
71) Pentachlorophenol	17.051	266	118843	22.334	ng/ul	96
72) Phenanthrene	17.463	178	884182	23.333	ng/ul	100
74) Anthracene	17.557	178	906746	23.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	231751	22.268	ng/uL	97
76) Pentachlorobenzene	14.927	250	235593	22.804	ng/uL	97
77) Carbazole	17.851	167	822480	23.715	ng/ul	99
78) Di-n-butylphthalate	18.362	149	957988	22.918	ng/ul	99
80) Fluoranthene	19.445	202	1094554	22.824	ng/ul	99
82) Pyrene	19.804	202	1151213	22.752	ng/ul	100
83) Butylbenzylphthalate	20.674	149	460203	23.159	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.486	252	376690	22.378	ng/ul	100
85) Benzo(a)anthracene	21.545	228	1205286	23.222	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	655556	22.887	ng/ul	100
87) Chrysene	21.598	228	1115452	22.992	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1148275	22.222	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1163317	22.687	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1169101	22.868	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1107785	23.109	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.886	276	1324066	22.594	ng/ul	100
95) Dibenzo(a,h)anthracene	26.915	278	1102847	22.334	ng/ul	99
96) Benzo(g,h,i)perylene	27.744	276	1058047	22.507	ng/ul	100

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

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