Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018114.D
Acq On : 12 Nov 2023 20:00
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 94 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020670

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/13/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 12 22:55:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	122054	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.663	136	536989	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.516	164	336279	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.298	188	639483	20.000	ng/ul	-0.01
79) Chrysene-d12	21.427	240	433558	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	496155	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	25185	7.279	ng/uL	0.00
4) Pyridine-d5	3.658	84	176953	19.615	ng/ul	0.00
7) Phenol-d5	7.011	99	234601	19.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	142895	20.635	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	184625	19.786	ng/ul	-0.01
15) 4-Methylphenol-d8	8.569	113	194090	20.101	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	95430	19.725	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.757	143	107923	19.690	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.287	165	194933	19.955	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.840	131	254750	19.016	ng/ul	-0.01
46) Dimethylphthalate-d6	13.940	166	578648	18.649	ng/ul	-0.01
49) Acenaphthylene-d8	14.216	160	654578	19.369	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.781	143	54318	11.715	ng/ul	0.00
60) Fluorene-d10	15.522	176	465712	18.180	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	71766	15.524	ng/ul	-0.01
73) Anthracene-d10	17.398	188	655725	18.959	ng/ul	-0.01
81) Pyrene-d10	19.651	212	634625	21.914	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.763	264	556200	19.279	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	27932	7.398	ng/uL	96
5) Pyridine	3.675	79	179876	19.319	ng/ul	96
6) Benzaldehyde	7.011	77	156395	24.644	ng/ul	97
8) Phenol	7.040	94	232786	20.026	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.287	93	187964	20.843	ng/ul	98
12) 2-Chlorophenol	7.399	128	184055	19.645	ng/ul	97
13) 2-Methylphenol	8.293	108	180387	20.538	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.352	45	220899m	21.452	ng/ul	
16) Acetophenone	8.699	105	310233	20.213	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	169525	20.231	ng/ul	97
18) 4-Methylphenol	8.634	108	190531	19.892	ng/ul	90
19) Hexachloroethane	8.893	117	86876	19.381	ng/ul	97
22) Nitrobenzene	9.093	77	264152	20.221	ng/ul	95
23) Isophorone	9.599	82	465878	19.544	ng/ul	99
25) 2-Nitrophenol	9.793	139	111527	19.801	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	230637	19.250	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.087	93	259234	19.943	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	184662	19.796	ng/ul	97
30) Naphthalene	10.710	128	625509	19.154	ng/ul	99
32) 4-Chloroaniline	10.863	127	243850	19.003	ng/ul	99
33) Hexachlorobutadiene	10.928	225	131734	19.236	ng/ul	99
34) Caprolactam	11.704	113	49789	16.067	ng/ul	98
35) 4-Chloro-3-methylphenol	11.981	107	211332	18.831	ng/ul	94
36) 2-Methylnaphthalene	12.328	142	436402	19.465	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	435292	18.894	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.681	216	227740	20.047	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	98287	17.924	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	151490	20.328	ng/ul	95
42) 2,4,5-Trichlorophenol	13.028	196	154103	19.649	ng/ul	97
43) 1,1'-Biphenyl	13.345	154	567177	19.835	ng/ul	100
44) 2-Chloronaphthalene	13.393	162	449314	19.791	ng/ul	99
45) 2-Nitroaniline	13.651	65	142914	19.508	ng/ul	98
47) Dimethylphthalate	13.987	163	572306	18.803	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	115336	19.065	ng/ul	99
50) Acenaphthylene	14.245	152	735643	19.281	ng/ul	98
51) 3-Nitroaniline	14.492	138	100816	17.959	ng/ul	95
52) Acenaphthene	14.581	153	480111	18.976	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	29912	9.063	ng/ul	97
55) 4-Nitrophenol	14.798	109	88946	14.452	ng/ul	89
56) Dibenzofuran	14.922	168	653665	18.853	ng/ul	96
57) 2,4-Dinitrotoluene	14.940	165	156219	17.284	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.145	232	123268	17.668	ng/ul	97
59) Diethylphthalate	15.345	149	574403	18.064	ng/ul	100
61) Fluorene	15.575	166	537505	18.260	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	270832	18.775	ng/ul	99
63) 4-Nitroaniline	15.669	138	86367	16.304	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.692	198	74966	15.627	ng/ul	97
67) N-Nitrosodiphenylamine	15.798	169	427257	20.833	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	149729	20.774	ng/ul	91
69) Hexachlorobenzene	16.557	284	163422	20.320	ng/ul	96
70) Atrazine	16.763	200	142049	19.856	ng/ul	99
71) Pentachlorophenol	16.934	266	82727	16.946	ng/ul	98
72) Phenanthrene	17.345	178	757100	19.282	ng/ul	99
74) Anthracene	17.433	178	769548	19.206	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	230900	23.645	ng/uL	98
76) Pentachlorobenzene	14.816	250	214046	22.390	ng/uL	97
77) Carbazole	17.733	167	614540	17.662	ng/ul	99
78) Di-n-butylphthalate	18.233	149	820116	18.576	ng/ul	98
80) Fluoranthene	19.322	202	767582	22.695	ng/ul	100
82) Pyrene	19.680	202	779399	21.992	ng/ul	100
83) Butylbenzylphthalate	20.551	149	295937	19.856	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	206016	19.889	ng/ul	97
85) Benzo(a)anthracene	21.410	228	687435	19.636	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	381142	18.548	ng/ul	98
87) Chrysene	21.469	228	626908	19.141	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	616932	16.627	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	659284	18.671	ng/ul	98
91) Benzo(k)fluoranthene	23.204	252	670508	18.874	ng/ul	99
93) Benzo(a)pyrene	23.816	252	642293	19.262	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.586	276	802877	20.075	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	657123	19.955	ng/ul	99
96) Benzo(g,h,i)perylene	27.415	276	640995	20.038	ng/ul	95

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

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