Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014694.D
Acq On : 13 Apr 2023 04:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020675

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/13/2023
Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 06:02:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 13 02:01:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	124749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	516643	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	320904	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	633634	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	645156	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	741235	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	30012	9.330	ng/uL	0.00
4) Pyridine-d5	3.787	84	201097	24.394	ng/ul	0.00
7) Phenol-d5	7.134	99	238394	20.721	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	166697	22.583	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	177727	21.373	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	187333	20.186	ng/ul	0.00
21) Nitrobenzene-d5	9.146	128	88733	21.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	100813	21.109	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	179652	20.655	ng/ul	0.00
31) 4-Chloroaniline-d4	10.940	131	220734	19.267	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	508078	19.527	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	599833	20.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	68214	17.354	ng/ul	0.00
60) Fluorene-d10	15.616	176	431774	19.899	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	89652	19.229	ng/ul	0.00
73) Anthracene-d10	17.486	188	639935	20.869	ng/ul	0.00
81) Pyrene-d10	19.716	212	744870	17.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	828665	21.042	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	31026	8.776	ng/uL	91
5) Pyridine	3.811	79	207369	24.037	ng/ul	95
6) Benzaldehyde	7.110	77	158082	27.643	ng/ul	96
8) Phenol	7.163	94	251102	21.039	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.393	93	203812	21.250	ng/ul	95
12) 2-Chlorophenol	7.534	128	182738	21.114	ng/ul	91
13) 2-Methylphenol	8.422	108	180227	20.249	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.504	45	308240	24.478	ng/ul	97
16) Acetophenone	8.804	105	317635	20.727	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.781	70	180152	21.761	ng/ul	91
18) 4-Methylphenol	8.751	108	196867	20.140	ng/ul	91
19) Hexachloroethane	9.046	117	85595	22.635	ng/ul	93
22) Nitrobenzene	9.187	77	267151	22.296	ng/ul	96
23) Isophorone	9.716	82	469577	21.261	ng/ul	98
25) 2-Nitrophenol	9.904	139	106335	21.095	ng/ul	87
26) 2,4-Dimethylphenol	9.963	107	240192	21.288	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.193	93	277366	20.946	ng/ul	98
29) 2,4-Dichlorophenol	10.440	162	176882	20.665	ng/ul	95
30) Naphthalene	10.840	128	601142	20.889	ng/ul	99
32) 4-Chloroaniline	10.963	127	228428	19.685	ng/ul	98
33) Hexachlorobutadiene	11.110	225	135376	19.963	ng/ul	97
34) Caprolactam	11.763	113	49172m	19.445	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	211034	20.045	ng/ul	100
36) 2-Methylnaphthalene	12.445	142	396256	20.318	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	395243	20.434	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.810	216	226459	19.793	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	132815	17.925	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	139798	19.745	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	144301	19.145	ng/ul	96
43) 1,1'-Biphenyl	13.451	154	534797	20.628	ng/ul	97
44) 2-Chloronaphthalene	13.498	162	421757	20.574	ng/ul	99
45) 2-Nitroaniline	13.716	65	140852	22.187	ng/ul	89
47) Dimethylphthalate	14.081	163	509627	19.589	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	101803	20.029	ng/ul	92
50) Acenaphthylene	14.345	152	642566	20.898	ng/ul	99
51) 3-Nitroaniline	14.551	138	89419	19.637	ng/ul	94
52) Acenaphthene	14.686	153	449526	20.689	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	52229	15.868	ng/ul#	89
55) 4-Nitrophenol	14.863	109	72842	18.776	ng/ul	96
56) Dibenzofuran	15.022	168	614840	20.130	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	145188	20.138	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.251	232	128534	18.973	ng/ul	94
59) Diethylphthalate	15.439	149	507248	19.621	ng/ul	98
61) Fluorene	15.675	166	501288	20.248	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.663	204	255906	19.239	ng/ul	96
63) 4-Nitroaniline	15.722	138	68171	18.426	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.769	198	86598	19.166	ng/ul	98
67) N-Nitrosodiphenylamine	15.881	169	386447	19.602	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	151042	19.156	ng/ul	98
69) Hexachlorobenzene	16.680	284	174884	19.310	ng/ul	96
70) Atrazine	16.845	200	144259	20.101	ng/ul	98
71) Pentachlorophenol	17.039	266	97135	18.513	ng/ul	98
72) Phenanthrene	17.427	178	739471	20.977	ng/ul	99
74) Anthracene	17.522	178	759704	21.383	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	233289	20.916	ng/uL	98
76) Pentachlorobenzene	14.939	250	224010	20.128	ng/uL	97
77) Carbazole	17.798	167	632287	21.266	ng/ul	100
78) Di-n-butylphthalate	18.327	149	788744	21.098	ng/ul	99
80) Fluoranthene	19.392	202	865495	16.892	ng/ul	99
82) Pyrene	19.745	202	922518	17.245	ng/ul	98
83) Butylbenzylphthalate	20.604	149	366697	19.901	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.392	252	302605	21.208	ng/ul	99
85) Benzo(a)anthracene	21.457	228	951676	20.816	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	542968	21.549	ng/ul	100
87) Chrysene	21.515	228	907831	21.030	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	983936	20.455	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1037080	20.716	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	980033	20.156	ng/ul	98
93) Benzo(a)pyrene	23.862	252	898652	20.855	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	1215717	20.507	ng/ul	98
95) Dibenzo(a,h)anthracene	26.603	278	1008961	20.328	ng/ul	100
96) Benzo(g,h,i)perylene	27.398	276	985931	20.403	ng/ul	97

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

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