Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042424\
Data File : BP020115.D
Acq On : 24 Apr 2024 12:02
Operator : MA/JU
Sample : SSTD01002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 24 14:56:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 24 13:42:18 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010624

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	89528	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	346944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	230559	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	526767	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	562536	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	625632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	8908	4.449	ng/uL	0.00
4) Pyridine-d5	3.640	84	59202	9.974	ng/ul	0.01
7) Phenol-d5	6.822	99	70757	9.410	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	47009	9.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	51731	9.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	53886	9.323	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	26294	10.084	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	28891	9.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	53686	9.707	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	69671	10.129	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	168004	10.347	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	186432	9.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	21406	8.952	ng/ul	0.00
60) Fluorene-d10	15.334	176	142878	10.283	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	28414	10.394	ng/ul	0.00
73) Anthracene-d10	17.263	188	229109	9.845	ng/ul	0.00
81) Pyrene-d10	19.669	212	295780	9.408	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.827	264	298063	9.788	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	9520	4.161	ng/uL	96
5) Pyridine	3.652	79	60704	10.014	ng/ul	96
6) Benzaldehyde	6.811	77	45356	10.586	ng/ul	99
8) Phenol	6.846	94	72883	9.266	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.081	93	60005	9.570	ng/ul	99
12) 2-Chlorophenol	7.205	128	54692	9.680	ng/ul	99
13) 2-Methylphenol	8.081	108	53831	9.445	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	86374	9.912	ng/ul	98
16) Acetophenone	8.457	105	94639	9.956	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	52360	9.703	ng/ul	99
18) 4-Methylphenol	8.410	108	55037	9.063	ng/ul	95
19) Hexachloroethane	8.687	117	27352	9.995	ng/ul	97
22) Nitrobenzene	8.834	77	77297	9.696	ng/ul	96
23) Isophorone	9.352	82	141656	9.877	ng/ul	99
25) 2-Nitrophenol	9.540	139	30905	9.877	ng/ul	92
26) 2,4-Dimethylphenol	9.599	107	64664	9.556	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	82119	10.029	ng/ul	97
29) 2,4-Dichlorophenol	10.069	162	53342	9.819	ng/ul	97
30) Naphthalene	10.451	128	177619	9.858	ng/ul	100
32) 4-Chloroaniline	10.587	127	69101	10.236	ng/ul	95
33) Hexachlorobutadiene	10.716	225	45946	10.014	ng/ul	95
34) Caprolactam	11.398	113	17533m	11.149	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	60680	9.882	ng/ul	95
36) 2-Methylnaphthalene	12.081	142	118982	10.037	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	119900	10.179	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	75949	9.360	ng/ul	96
40) Hexachlorocyclopentadiene	12.410	237	31247	9.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.716	196	45607	9.409	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	48611	9.631	ng/ul	94
43) 1,1'-Biphenyl	13.116	154	162497	9.679	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	130737	9.648	ng/ul	99
45) 2-Nitroaniline	13.393	65	43906	9.760	ng/ul	97
47) Dimethylphthalate	13.769	163	169169	10.192	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	32567	9.830	ng/ul	96
50) Acenaphthylene	14.028	152	209305	9.885	ng/ul	98
51) 3-Nitroaniline	14.257	138	30441	9.459	ng/ul	87
52) Acenaphthene	14.375	153	137477	9.916	ng/ul	96
53) 2,4-Dinitrophenol	14.481	184	15111	9.688	ng/ul	90
55) 4-Nitrophenol	14.592	109	20500	8.156	ng/ul	94
56) Dibenzofuran	14.722	168	194348	10.113	ng/ul	96
57) 2,4-Dinitrotoluene	14.722	165	48575	10.412	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.969	232	45243	10.122	ng/ul	98
59) Diethylphthalate	15.175	149	169820	10.455	ng/ul	99
61) Fluorene	15.392	166	161545	10.242	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.387	204	86432	10.041	ng/ul	95
63) 4-Nitroaniline	15.451	138	25946	8.689	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.504	198	30648	10.629	ng/ul	99
67) N-Nitrosodiphenylamine	15.622	169	134973	9.756	ng/ul	97
68) 4-Bromophenyl-phenylether	16.316	248	55394	9.686	ng/ul	98
69) Hexachlorobenzene	16.416	284	64114	9.877	ng/ul	96
70) Atrazine	16.622	200	55967	10.423	ng/ul	99
71) Pentachlorophenol	16.798	266	36416	9.063	ng/ul	95
72) Phenanthrene	17.198	178	272923	10.126	ng/ul	100
74) Anthracene	17.304	178	276361	10.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	76247	8.931	ng/uL	98
76) Pentachlorobenzene	14.634	250	72273	9.207	ng/uL	99
77) Carbazole	17.598	167	238655	9.899	ng/ul	99
78) Di-n-butylphthalate	18.198	149	298963	10.304	ng/ul	100
80) Fluoranthene	19.322	202	343074	9.354	ng/ul	99
82) Pyrene	19.698	202	364235	9.561	ng/ul	99
83) Butylbenzylphthalate	20.674	149	145145	9.427	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.580	252	125183	11.458	ng/ul	99
85) Benzo(a)anthracene	21.645	228	382693	9.822	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	216389	9.623	ng/ul	96
87) Chrysene	21.710	228	355191	9.897	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	376805	9.735	ng/ul	100
90) Benzo(b)fluoranthene	23.980	252	374741	9.987	ng/ul	98
91) Benzo(k)fluoranthene	24.057	252	364421	9.772	ng/ul	99
93) Benzo(a)pyrene	24.892	252	347046	9.781	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.915	276	411072m	9.654	ng/ul	
95) Dibenzo(a,h)anthracene	28.998	278	337237m	9.642	ng/ul	
96) Benzo(g,h,i)perylene	30.098	276	335963m	9.886	ng/ul	

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

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