Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019953.D
Acq On : 22 Mar 2024 11:26
Operator : MA/JU
Sample : SSTD01083
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 22 15:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 15:51:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010603

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

03/26/2024
Supervised By :mohammad ahmed

03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	116148	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	467083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	312639	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.086	188	678366	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	669665	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	755309	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	11166	4.212	ng/uL	0.00
4) Pyridine-d5	3.652	84	75875	9.479	ng/ul	0.00
7) Phenol-d5	6.816	99	91913	9.383	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	63601	9.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	69434	9.870	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	72586	9.578	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	34666	9.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	37328	9.319	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	71949	9.835	ng/ul	0.01
31) 4-Chloroaniline-d4	10.528	131	95533	10.017	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	227312	10.370	ng/ul	0.01
49) Acenaphthylene-d8	13.945	160	250335	9.776	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	29766	8.638	ng/ul	0.01
60) Fluorene-d10	15.281	176	193917	10.385	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	34276	8.441	ng/ul	-0.01
73) Anthracene-d10	17.186	188	305190	10.163	ng/ul	0.00
81) Pyrene-d10	19.580	212	369938	9.416	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	362229	9.977	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	12269	4.056	ng/uL	94
5) Pyridine	3.669	79	77610	9.512	ng/ul	94
6) Benzaldehyde	6.805	77	57254	11.882	ng/ul	99
8) Phenol	6.840	94	97011	9.472	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.075	93	81674	9.847	ng/ul	99
12) 2-Chlorophenol	7.199	128	73695	9.940	ng/ul	97
13) 2-Methylphenol	8.063	108	68627	9.296	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	114567	10.046	ng/ul	99
16) Acetophenone	8.440	105	121637	9.950	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	68281	10.014	ng/ul	98
18) 4-Methylphenol	8.387	108	75766	9.535	ng/ul	98
19) Hexachloroethane	8.669	117	34511	10.022	ng/ul	98
22) Nitrobenzene	8.816	77	99178	9.726	ng/ul	98
23) Isophorone	9.334	82	190903	10.043	ng/ul	100
25) 2-Nitrophenol	9.510	139	39574	9.477	ng/ul	98
26) 2,4-Dimethylphenol	9.563	107	89567	9.826	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.810	93	109215	9.826	ng/ul	99
29) 2,4-Dichlorophenol	10.040	162	69969	9.777	ng/ul	98
30) Naphthalene	10.434	128	240374	10.031	ng/ul	98
32) 4-Chloroaniline	10.551	127	94648	10.113	ng/ul	100
33) Hexachlorobutadiene	10.693	225	54782	9.714	ng/ul	100
34) Caprolactam	11.357	113	22825m	10.250	ng/ul	
35) 4-Chloro-3-methylphenol	11.681	107	81092	10.201	ng/ul	94
36) 2-Methylnaphthalene	12.051	142	162741	10.200	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	160142	10.036	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.422	216	96829	9.368	ng/ul	96
40) Hexachlorocyclopentadiene	12.381	237	37758	6.455	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	60023	9.452	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	61070	9.298	ng/ul	96
43) 1,1'-Biphenyl	13.069	154	217401	9.602	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	175553	9.615	ng/ul	99
45) 2-Nitroaniline	13.351	65	54878	9.542	ng/ul	94
47) Dimethylphthalate	13.728	163	231718	10.473	ng/ul	98
48) 2,6-Dinitrotoluene	13.845	165	44331	9.869	ng/ul	97
50) Acenaphthylene	13.975	152	280838	9.807	ng/ul	99
51) 3-Nitroaniline	14.192	138	40363	9.757	ng/ul	99
52) Acenaphthene	14.322	153	188811	9.926	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	19228	7.521	ng/ul	95
55) 4-Nitrophenol	14.522	109	27168	8.591	ng/ul	96
56) Dibenzofuran	14.669	168	261966	10.140	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	63791	10.387	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.916	232	57328	10.178	ng/ul	98
59) Diethylphthalate	15.110	149	232769	10.609	ng/ul	99
61) Fluorene	15.339	166	220732	10.476	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.334	204	114562	10.151	ng/ul	97
63) 4-Nitroaniline	15.381	138	38310m	11.072	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	36872	8.556	ng/ul	94
67) N-Nitrosodiphenylamine	15.563	169	182978	9.765	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	71061	9.652	ng/ul	95
69) Hexachlorobenzene	16.357	284	80177	9.807	ng/ul	97
70) Atrazine	16.551	200	73125	10.186	ng/ul	98
71) Pentachlorophenol	16.728	266	41444	8.648	ng/ul	99
72) Phenanthrene	17.128	178	351071	10.010	ng/ul	99
74) Anthracene	17.228	178	361614	10.154	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	98430	8.899	ng/uL	98
76) Pentachlorobenzene	14.575	250	93887	9.166	ng/uL	97
77) Carbazole	17.516	167	315501	10.360	ng/ul	100
78) Di-n-butylphthalate	18.110	149	408777	10.622	ng/ul	99
80) Fluoranthene	19.239	202	426910	9.251	ng/ul	99
82) Pyrene	19.616	202	451628	9.416	ng/ul	99
83) Butylbenzylphthalate	20.586	149	191950	9.855	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	152524	10.710	ng/ul	97
85) Benzo(a)anthracene	21.539	228	453593	9.788	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	292552	10.280	ng/ul	98
87) Chrysene	21.604	228	427714	9.927	ng/ul	99
89) Di-n-octyl phthalate	22.757	149	504404	10.529	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	442703	9.991	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	450802	10.012	ng/ul	100
93) Benzo(a)pyrene	24.698	252	425087	9.918	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.615	276	520858m	9.654	ng/ul	
95) Dibenzo(a,h)anthracene	28.698	278	407559	9.292	ng/ul	99
96) Benzo(g,h,i)perylene	29.756	276	415704	9.530	ng/ul	97

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

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