Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
Data File : BP017718.D
Acq On : 18 Oct 2023 20:06
Operator : MA/JU
Sample : SSTD04037
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 01:20:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 00:53:23 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040648

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	149606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	579416	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	365088	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	794355	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	750870	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	802922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	67278	16.770	ng/uL	0.00
4) Pyridine-d5	3.693	84	445751	40.363	ng/ul	0.00
7) Phenol-d5	7.046	99	532654	39.089	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	326484	39.420	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	448677	42.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	421074	38.933	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	211606	43.804	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	243243	44.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	463135	45.133	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	572148	39.707	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	1308875	41.807	ng/ul	0.00
49) Acenaphthylene-d8	14.287	160	1507753	44.389	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	193486	38.171	ng/ul	0.00
60) Fluorene-d10	15.592	176	1130586	42.290	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	226634	41.348	ng/ul	0.00
73) Anthracene-d10	17.481	188	1760649	43.097	ng/ul	0.00
81) Pyrene-d10	19.739	212	2068716	45.393	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	1952138	43.209	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	73390	17.012	ng/uL	97
5) Pyridine	3.711	79	455911	40.082	ng/ul	96
6) Benzaldehyde	7.052	77	300974	43.837	ng/ul	98
8) Phenol	7.075	94	517711	38.472	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.328	93	435502	39.923	ng/ul	97
12) 2-Chlorophenol	7.446	128	448230	42.293	ng/ul	96
13) 2-Methylphenol	8.340	108	395389	39.274	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.405	45	535244m	38.348	ng/ul	
16) Acetophenone	8.752	105	652849	38.802	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	319737	37.899	ng/ul	98
18) 4-Methylphenol	8.681	108	420840	38.615	ng/ul	99
19) Hexachloroethane	8.952	117	201801	42.427	ng/ul	97
22) Nitrobenzene	9.140	77	516406	41.906	ng/ul	97
23) Isophorone	9.658	82	917035	41.505	ng/ul	100
25) 2-Nitrophenol	9.846	139	252781	43.832	ng/ul	100
26) 2,4-Dimethylphenol	9.887	107	476808	41.859	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.146	93	562973	41.281	ng/ul	98
29) 2,4-Dichlorophenol	10.369	162	440841	44.749	ng/ul	98
30) Naphthalene	10.775	128	1415762	42.172	ng/ul	99
32) 4-Chloroaniline	10.922	127	542231	39.317	ng/ul	99
33) Hexachlorobutadiene	10.999	225	336812	43.725	ng/ul	99
34) Caprolactam	11.757	113	106148	36.404	ng/ul	98
35) 4-Chloro-3-methylphenol	12.034	107	414760	40.751	ng/ul	98
36) 2-Methylnaphthalene	12.393	142	966096	42.144	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	981628	42.016	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.746	216	583654	43.640	ng/ul	99
40) Hexachlorocyclopentadiene	12.687	237	332254	53.039	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	371179	45.476	ng/ul	96
42) 2,4,5-Trichlorophenol	13.081	196	382177	44.484	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	1297513	43.247	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1047306	43.603	ng/ul	98
45) 2-Nitroaniline	13.710	65	264853	41.473	ng/ul	98
47) Dimethylphthalate	14.051	163	1289461	41.675	ng/ul	100
48) 2,6-Dinitrotoluene	14.204	165	261369	46.074	ng/ul	96
50) Acenaphthylene	14.316	152	1657452	43.113	ng/ul	100
51) 3-Nitroaniline	14.546	138	239498	42.641	ng/ul#	93
52) Acenaphthene	14.651	153	1102021	42.951	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	132221	38.618	ng/ul	97
55) 4-Nitrophenol	14.845	109	198886m	41.665	ng/ul	
56) Dibenzofuran	14.993	168	1549949	42.220	ng/ul	100
57) 2,4-Dinitrotoluene	14.993	165	380090	43.430	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.216	232	335413	42.762	ng/ul	100
59) Diethylphthalate	15.416	149	1242946	40.391	ng/ul	99
61) Fluorene	15.651	166	1273519	42.233	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.640	204	672341	41.971	ng/ul	100
63) 4-Nitroaniline	15.728	138	218972	39.801	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	244815	42.203	ng/ul	99
67) N-Nitrosodiphenylamine	15.869	169	1040313	43.824	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	401713	42.228	ng/ul	98
69) Hexachlorobenzene	16.628	284	454967	40.431	ng/ul	96
70) Atrazine	16.840	200	373682	41.257	ng/ul	100
71) Pentachlorophenol	17.004	266	273239	40.418	ng/ul	98
72) Phenanthrene	17.422	178	1988693	42.583	ng/ul	99
74) Anthracene	17.516	178	2028187	43.002	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	584858	46.052	ng/uL	98
76) Pentachlorobenzene	14.881	250	550322	42.760	ng/uL	98
77) Carbazole	17.810	167	1709164	40.640	ng/ul	99
78) Di-n-butylphthalate	18.322	149	2076883	40.402	ng/ul	100
80) Fluoranthene	19.404	202	2371159	45.424	ng/ul	99
82) Pyrene	19.769	202	2480473	45.376	ng/ul	99
83) Butylbenzylphthalate	20.639	149	914733	44.148	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.445	252	750053	40.362	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2499703	43.373	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1303161	41.983	ng/ul	100
87) Chrysene	21.557	228	2314533	43.296	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	2202577	42.706	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	2362957	42.978	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	2409451	44.223	ng/ul	99
93) Benzo(a)pyrene	23.963	252	2251330	44.145	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.786	276	2671553	42.863	ng/ul	100
95) Dibenzo(a,h)anthracene	26.815	278	2236573	42.943	ng/ul	100
96) Benzo(g,h,i)perylene	27.639	276	2135340	43.073	ng/ul	99

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

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