Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
Data File : BP014929.D
Acq On : 03 May 2023 12:59
Operator : CG/JU
Sample : SSTD04068
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 03 23:16:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 03 14:42:28 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040607

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	298367	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	1303250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	761737	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1467442	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	965942	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	854550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	125048	15.583	ng/uL	0.00
4) Pyridine-d5	3.899	84	887452	40.461	ng/ul	0.00
7) Phenol-d5	7.310	99	1080241	41.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	658830	41.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	812279	42.705	ng/ul	0.00
15) 4-Methylphenol-d8	8.881	113	843309	42.304	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	407535	43.968	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	439656	46.193	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	812643	43.485	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	1136699	42.052	ng/ul	0.00
46) Dimethylphthalate-d6	14.216	166	2191547	40.651	ng/ul	0.00
49) Acenaphthylene-d8	14.510	160	2693462	41.658	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	399623	42.608	ng/ul	0.01
60) Fluorene-d10	15.804	176	1885297	40.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	352301	42.648	ng/ul	0.00
73) Anthracene-d10	17.669	188	2740104	41.558	ng/ul	0.00
81) Pyrene-d10	19.886	212	2716743	41.701	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1764493	42.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	137726	15.842	ng/uL	99
5) Pyridine	3.917	79	935784	40.982	ng/ul	100
6) Benzaldehyde	7.293	77	343437	48.559	ng/ul	99
8) Phenol	7.340	94	1130421	41.623	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.581	93	934378	41.393	ng/ul	98
12) 2-Chlorophenol	7.722	128	867578	42.105	ng/ul	100
13) 2-Methylphenol	8.610	108	851257	42.037	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.699	45	1174102	41.006	ng/ul	100
16) Acetophenone	9.004	105	1392415	42.720	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.993	70	702606	42.296	ng/ul	98
18) 4-Methylphenol	8.946	108	948496	42.369	ng/ul	100
19) Hexachloroethane	9.263	117	362083	40.502	ng/ul	99
22) Nitrobenzene	9.387	77	1038900	42.658	ng/ul	97
23) Isophorone	9.922	82	2026857	42.110	ng/ul	100
25) 2-Nitrophenol	10.104	139	492850	45.025	ng/ul	99
26) 2,4-Dimethylphenol	10.157	107	991903	41.755	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.399	93	1270311	41.283	ng/ul	99
29) 2,4-Dichlorophenol	10.640	162	820923	42.469	ng/ul	98
30) Naphthalene	11.051	128	2887575	40.308	ng/ul	100
32) 4-Chloroaniline	11.163	127	1186169	42.051	ng/ul	98
33) Hexachlorobutadiene	11.340	225	495779	39.750	ng/ul	99
34) Caprolactam	11.940	113	248621m	41.682	ng/ul	
35) 4-Chloro-3-methylphenol	12.269	107	873594	43.963	ng/ul	98
36) 2-Methylnaphthalene	12.651	142	1842225	41.584	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.869	142	1869007	40.929	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.016	216	956915	40.273	ng/ul	98
40)	Hexachlorocyclopentadiene	12.993	237	634995	39.633	ng/ul	99
41)	2,4,6-Trichlorophenol	13.245	196	625684	42.735	ng/ul	98
42)	2,4,5-Trichlorophenol	13.316	196	681350	43.178	ng/ul	97
43)	1,1'-Biphenyl	13.651	154	2447387	40.187	ng/ul	100
44)	2-Chloronaphthalene	13.692	162	1907146	40.203	ng/ul	99
45)	2-Nitroaniline	13.892	65	511986	46.845	ng/ul	98
47)	Dimethylphthalate	14.263	163	2290461	40.405	ng/ul	99
48)	2,6-Dinitrotoluene	14.387	165	462661	46.186	ng/ul	97
50)	Acenaphthylene	14.539	152	2994363	40.849	ng/ul	100
51)	3-Nitroaniline	14.710	138	402504	44.407	ng/ul	99
52)	Acenaphthene	14.875	153	2031411	40.047	ng/ul	99
53)	2,4-Dinitrophenol	14.916	184	255756	41.949	ng/ul	95
55)	4-Nitrophenol	15.010	109	293294	41.083	ng/ul	97
56)	Dibenzofuran	15.210	168	2757520	40.287	ng/ul	100
57)	2,4-Dinitrotoluene	15.169	165	640220	45.629	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.434	232	545785	42.499	ng/ul	96
59)	Diethylphthalate	15.622	149	2222082	41.484	ng/ul	99
61)	Fluorene	15.863	166	2158372	39.975	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.851	204	1048227	39.672	ng/ul	97
63)	4-Nitroaniline	15.881	138	335600	45.223	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.934	198	367725	41.966	ng/ul#	96
67)	N-Nitrosodiphenylamine	16.063	169	1842273	41.364	ng/ul	99
68)	4-Bromophenyl-phenylether	16.751	248	634914	41.591	ng/ul	94
69)	Hexachlorobenzene	16.869	284	716485	39.845	ng/ul	97
70)	Atrazine	17.016	200	624421	41.663	ng/ul	99
71)	Pentachlorophenol	17.210	266	429444	40.912	ng/ul	98
72)	Phenanthrene	17.610	178	3279082	40.447	ng/ul	99
74)	Anthracene	17.704	178	3325821	41.206	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.616	216	960015	39.520	ng/uL	97
76)	Pentachlorobenzene	15.128	250	912379	39.479	ng/uL	99
77)	Carbazole	17.963	167	2852166	42.014	ng/ul	100
78)	Di-n-butylphthalate	18.498	149	3400967	44.801	ng/ul	100
80)	Fluoranthene	19.563	202	3395394	42.474	ng/ul	99
82)	Pyrene	19.916	202	3476325	41.045	ng/ul	99
83)	Butylbenzylphthalate	20.769	149	1181927	46.480	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.557	252	643943	39.857	ng/ul	97
85)	Benzo(a)anthracene	21.633	228	2661372	41.278	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.533	149	1518415	47.457	ng/ul	99
87)	Chrysene	21.692	228	2624041	40.421	ng/ul	100
89)	Di-n-octyl phthalate	22.521	149	2229747	44.688	ng/ul	100
90)	Benzo(b)fluoranthene	23.451	252	2285582	41.384	ng/ul	100
91)	Benzo(k)fluoranthene	23.504	252	2328900	41.434	ng/ul	99
93)	Benzo(a)pyrene	24.133	252	2047252	42.268	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	27.015	276	2612329	44.380	ng/ul	97
95)	Dibenzo(a,h)anthracene	27.033	278	2163609	45.100	ng/ul	99
96)	Benzo(g,h,i)perylene	27.868	276	2200432	43.760	ng/ul	97

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

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