

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051023\
 Data File : BP015046.D
 Acq On : 10 May 2023 17:09
 Operator : CG/JU
 Sample : 02694-21MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

JREQ1MS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

05/11/2023

Supervised By :Jagrut

Upadhyay

05/11/2023

Quant Time: May 10 22:57:31 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 15:17:56 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	114044	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	514006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	328081	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.545	188	743711	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	644047	20.000	ng/u1	0.00
88) Perylene-d12	24.204	264	651523	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.446	96	43213	14.089	ng/uL	0.00
4) Pyridine-d5	3.887	84	174682	20.836	ng/u1	0.00
7) Phenol-d5	7.293	99	179791	18.184	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	406817	66.568	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	427142	58.752	ng/u1	0.00
15) 4-Methylphenol-d8	8.858	113	338060	44.368	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	285586	78.121	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	308496	82.182	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	543876	73.790	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	654341	61.377	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	2052254	88.384	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	2207305	79.263	ng/u1	0.00
54) 4-Nitrophenol-d4	14.975	143	102938	25.483	ng/u1	0.00
60) Fluorene-d10	15.781	176	1685670	84.381	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.898	200	318606	76.101	ng/u1	0.00
73) Anthracene-d10	17.645	188	2680319	80.211	ng/u1	0.00
81) Pyrene-d10	19.863	212	3167924	72.930	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2814563	88.662	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	32443	9.763	ng/uL#	91
5) Pyridine	3.911	79	182848	20.950	ng/u1	97
6) Benzaldehyde	7.275	77	345899	127.954	ng/u1	99
8) Phenol	7.322	94	184089	17.734	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.558	93	523324	60.653	ng/u1	98
12) 2-Chlorophenol	7.705	128	402484	51.103	ng/u1	99
13) 2-Methylphenol	8.593	108	341954	44.179	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.681	45	661186	60.415	ng/u1	100
16) Acetophenone	8.981	105	822531	66.022	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	427099	67.266	ng/u1	99
18) 4-Methylphenol	8.922	108	340041	39.740	ng/u1	96
19) Hexachloroethane	9.240	117	183251	53.628	ng/u1	98
22) Nitrobenzene	9.369	77	613273	63.847	ng/u1	97
23) Isophorone	9.899	82	1298666	68.410	ng/u1	100
25) 2-Nitrophenol	10.087	139	300554	69.618	ng/u1	97
26) 2,4-Dimethylphenol	10.140	107	530245	56.595	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.381	93	784023	64.603	ng/u1	99
29) 2,4-Dichlorophenol	10.622	162	494381	64.847	ng/u1	99
30) Naphthalene	11.034	128	1699841	60.163	ng/u1	100
32) 4-Chloroaniline	11.140	127	538891	48.439	ng/u1	99
33) Hexachlorobutadiene	11.310	225	293625	59.689	ng/u1	99
34) Caprolactam	11.922	113	34772m	14.805	ng/u1	
35) 4-Chloro-3-methylphenol	12.246	107	568123	72.490	ng/u1	99
36) 2-Methylnaphthalene	12.628	142	1215735	69.580	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	1249888	69.398	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.993	216	651736	63.685	ng/ul	99
40) Hexachlorocyclopentadiene	12.969	237	298988	43.328	ng/ul	98
41) 2,4,6-Trichlorophenol	13.228	196	473642	75.111	ng/ul	99
42) 2,4,5-Trichlorophenol	13.298	196	520648	76.606	ng/ul	98
43) 1,1'-Biphenyl	13.628	154	1725058	65.768	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	1328992	65.046	ng/ul	99
45) 2-Nitroaniline	13.875	65	428127	89.983	ng/ul	96
47) Dimethylphthalate	14.240	163	1880328	77.014	ng/ul	100
48) 2,6-Dinitrotoluene	14.363	165	407668	94.487	ng/ul	95
50) Acenaphthylene	14.516	152	2146470	67.987	ng/ul	99
51) 3-Nitroaniline	14.693	138	370326	94.862	ng/ul	96
52) Acenaphthene	14.851	153	1501142	68.709	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	162816	62.003	ng/ul	92
55) 4-Nitrophenol	14.987	109	70049	22.782	ng/ul	98
56) Dibenzofuran	15.187	168	2133483	72.371	ng/ul	99
57) 2,4-Dinitrotoluene	15.151	165	580290	96.024	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.410	232	465160	84.098	ng/ul	94
59) Diethylphthalate	15.598	149	1909519	82.770	ng/ul	99
61) Fluorene	15.840	166	1694188	72.854	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	841460	73.941	ng/ul	100
63) 4-Nitroaniline	15.857	138	393495	120.765	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.916	198	291590	65.661	ng/ul#	92
67) N-Nitrosodiphenylamine	16.040	169	1445705	64.047	ng/ul	99
68) 4-Bromophenyl-phenylether	16.722	248	566694	73.248	ng/ul	97
69) Hexachlorobenzene	16.845	284	669588	73.474	ng/ul	95
70) Atrazine	16.992	200	449251	59.145	ng/ul	99
71) Pentachlorophenol	17.186	266	395012	74.253	ng/ul	97
72) Phenanthrene	17.586	178	2907412	70.762	ng/ul	100
74) Anthracene	17.681	178	2861173	69.945	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.593	216	686072	55.727	ng/uL	98
76) Pentachlorobenzene	15.110	250	725792	61.966	ng/uL	98
77) Carbazole	17.945	167	2670060	77.606	ng/ul	99
78) Di-n-butylphthalate	18.475	149	3390614	88.130	ng/ul	99
80) Fluoranthene	19.539	202	3480394	65.296	ng/ul	98
82) Pyrene	19.892	202	3476809	61.568	ng/ul	97
83) Butylbenzylphthalate	20.745	149	1581529	93.280	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.533	252	878080	81.004	ng/ul	98
85) Benzo(a)anthracene	21.610	228	3304802	76.877	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	2287988	107.250	ng/ul	100
87) Chrysene	21.663	228	3150359	72.782	ng/ul	100
89) Di-n-octyl phthalate	22.486	149	3864363	101.583	ng/ul	100
90) Benzo(b)fluoranthene	23.410	252	3300344	78.380	ng/ul	100
91) Benzo(k)fluoranthene	23.469	252	3115302	72.696	ng/ul	98
93) Benzo(a)pyrene	24.098	252	2704134	73.228	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.945	276	3098836	68.795	ng/ul	99
95) Dibenzo(a,h)anthracene	26.968	278	2567881	69.553	ng/ul	99
96) Benzo(g,h,i)perylene	27.792	276	2493197	65.033	ng/ul	97

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

