

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024600.D
 Acq On : 29 Mar 2023 08:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020265

Manual Integrations

APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Mar 30 02:28:50 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 30 02:26:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	346099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	1534367	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	972606	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	2076544	20.000	ng/u1	0.00
79) Chrysene-d12	21.581	240	1949449	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	2182063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	76348	8.553	ng/uL	0.00
4) Pyridine-d5	3.793	84	546221	21.191	ng/u1	0.00
7) Phenol-d5	7.146	99	671420	20.499	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.317	67	453820	21.456	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	513579	21.150	ng/u1	0.00
15) 4-Methylphenol-d8	8.705	113	534707	20.413	ng/u1	0.00
21) Nitrobenzene-d5	9.164	128	258106	21.255	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	277077	21.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	514067	21.534	ng/u1	0.00
31) 4-Chloroaniline-d4	10.952	131	772299	21.202	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	1582084	21.153	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1848128	21.700	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	325140	20.771	ng/u1	0.00
60) Fluorene-d10	15.628	176	1341708	20.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	271132	19.824	ng/u1	0.00
73) Anthracene-d10	17.487	188	2097083	21.472	ng/u1	0.00
81) Pyrene-d10	19.781	212	2461110	21.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	2411959	21.815	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	81036	8.425	ng/uL	97
5) Pyridine	3.811	79	562689	20.972	ng/u1	100
6) Benzaldehyde	7.128	77	387763	25.938	ng/u1	97
8) Phenol	7.175	94	706660	20.784	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.411	93	571095	21.301	ng/u1	96
12) 2-Chlorophenol	7.552	128	528438	20.859	ng/u1	99
13) 2-Methylphenol	8.440	108	523433	20.616	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1024966	21.521	ng/u1	100
16) Acetophenone	8.822	105	878257	21.478	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.811	70	461744	21.457	ng/u1	99
18) 4-Methylphenol	8.769	108	582264	20.656	ng/u1	97
19) Hexachloroethane	9.081	117	206331	20.621	ng/u1	98
22) Nitrobenzene	9.205	77	676735	21.455	ng/u1	99
23) Isophorone	9.734	82	1252409	21.362	ng/u1	99
25) 2-Nitrophenol	9.922	139	308432	21.585	ng/u1	97
26) 2,4-Dimethylphenol	9.975	107	641595	21.616	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.216	93	793280	21.085	ng/u1	99
29) 2,4-Dichlorophenol	10.458	162	513489	21.206	ng/u1	97
30) Naphthalene	10.863	128	1795691	21.062	ng/u1	100
32) 4-Chloroaniline	10.975	127	792898	21.495	ng/u1	98
33) Hexachlorobutadiene	11.146	225	299914	21.507	ng/u1	97
34) Caprolactam	11.752	113	168339m	20.102	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	599152	21.643	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	1228587	21.524	ng/u1	98

03/30/2023

Supervised By : Jagrut
 padhyay

03/30/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	1213169	21.451	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.834	216	606154	21.025	ng/u1	98
40) Hexachlorocyclopentadiene	12.816	237	360153	19.851	ng/u1	99
41) 2,4,6-Trichlorophenol	13.075	196	411348	21.415	ng/u1	94
42) 2,4,5-Trichlorophenol	13.146	196	449973	21.314	ng/u1	99
43) 1,1'-Biphenyl	13.475	154	1653101	21.393	ng/u1	99
44) 2-Chloronaphthalene	13.516	162	1273421	21.109	ng/u1	99
45) 2-Nitroaniline	13.722	65	407085	21.719	ng/u1	95
47) Dimethylphthalate	14.093	163	1619080	21.317	ng/u1	100
48) 2,6-Dinitrotoluene	14.216	165	314313	21.847	ng/u1	98
50) Acenaphthylene	14.363	152	2049505	21.980	ng/u1	99
51) 3-Nitroaniline	14.546	138	331716	21.692	ng/u1	97
52) Acenaphthene	14.704	153	1381243	21.258	ng/u1	95
53) 2,4-Dinitrophenol	14.746	184	176609	18.072	ng/u1	90
55) 4-Nitrophenol	14.846	109	259724	21.686	ng/u1	95
56) Dibenzofuran	15.040	168	1891015	20.915	ng/u1	100
57) 2,4-Dinitrotoluene	14.999	165	457269	21.696	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	374644	21.295	ng/u1	98
59) Diethylphthalate	15.457	149	1558409	20.968	ng/u1	99
61) Fluorene	15.687	166	1576544	21.747	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.675	204	743124	21.604	ng/u1	98
63) 4-Nitroaniline	15.704	138	338374	22.461	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	276844	20.468	ng/u1	96
67) N-Nitrosodiphenylamine	15.893	169	1328561	21.395	ng/u1	96
68) 4-Bromophenyl-phenylether	16.575	248	443292	21.388	ng/u1	94
69) Hexachlorobenzene	16.693	284	512780	21.023	ng/u1	98
70) Atrazine	16.840	200	462566	21.803	ng/u1	98
71) Pentachlorophenol	17.034	266	301690	20.233	ng/u1	95
72) Phenanthrene	17.428	178	2534504	21.781	ng/u1	99
74) Anthracene	17.522	178	2567731	21.965	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.440	216	635488	21.406	ng/u1	97
76) Pentachlorobenzene	14.957	250	610749	21.179	ng/u1	99
77) Carbazole	17.792	167	2339277	22.256	ng/u1	98
78) Di-n-butylphthalate	18.351	149	2593047	21.771	ng/u1	99
80) Fluoranthene	19.445	202	2906408	21.743	ng/u1	98
82) Pyrene	19.804	202	3005644	21.330	ng/u1	100
83) Butylbenzylphthalate	20.704	149	1136068	21.174	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.498	252	979162	21.487	ng/u1	99
85) Benzo(a)anthracene	21.563	228	2953375	21.446	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.480	149	1666101	22.271	ng/u1	100
87) Chrysene	21.622	228	2881884	22.116	ng/u1	98
89) Di-n-octyl phthalate	22.433	149	2810671	21.263	ng/u1	100
90) Benzo(b)fluoranthene	23.298	252	3120931	21.843	ng/u1	99
91) Benzo(k)fluoranthene	23.351	252	2909753	21.332	ng/u1	99
93) Benzo(a)pyrene	23.951	252	2708461	21.647	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.645	276	3451605	21.648	ng/u1	100
95) Dibenzo(a,h)anthracene	26.663	278	2816749	21.302	ng/u1	98
96) Benzo(g,h,i)perylene	27.439	276	2827345	21.342	ng/u1	99

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

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