

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092321\
 Data File : BN016415.D
 Acq On : 22 Sep 2021 18:32
 Operator : CG/JU
 Sample : SST04018
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST040218

Manual Integrations
 APPROVED

mohammad
 9/24/2021 5:29:37 PM

Quant Time: Sep 23 02:00:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN092321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 23 01:47:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	219961	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	956201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	577765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	1164349	20.000	ng/ul	0.00
79) Chrysene-d12	21.257	240	1120034	20.000	ng/ul	0.00
88) Perylene-d12	23.522	264	1137952	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	82037	19.462	ng/uL	0.00
4) Pyridine-d5	3.599	84	586648	47.750	ng/ul	0.00
7) Phenol-d5	6.834	99	717592	43.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	416001	47.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	588209	41.815	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	566340	42.333	ng/ul	0.00
21) Nitrobenzene-d5	8.810	128	269498	38.626	ng/ul	0.00
24) 2-Nitrophenol-d4	9.522	143	278885	35.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	545603	38.256	ng/ul	0.00
31) 4-Chloroaniline-d4	10.575	131	796629	40.720	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1560834	42.078	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	2035753	41.893	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	298083	41.707	ng/ul	0.00
60) Fluorene-d10	15.298	176	1334747	40.819	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	230544	36.299	ng/ul	0.00
73) Anthracene-d10	17.151	188	2027192	40.111	ng/ul	0.00
81) Pyrene-d10	19.451	212	2212917	41.670	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.380	264	2358085	42.323	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	87791	18.497	ng/uL	94
5) Pyridine	3.617	79	587417	48.102	ng/ul	92
6) Benzaldehyde	6.805	77	445176	44.756	ng/ul	95
8) Phenol	6.864	94	742061	43.883	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.093	93	577687	45.028	ng/ul	97
12) 2-Chlorophenol	7.222	128	596020	42.145	ng/ul	97
13) 2-Methylphenol	8.099	108	555267	42.482	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	791381	46.705	ng/ul	99
16) Acetophenone	8.475	105	881786	43.350	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.469	70	438102	46.489	ng/ul	98
18) 4-Methylphenol	8.428	108	599565	42.429	ng/ul	96
19) Hexachloroethane	8.722	117	231156	41.391	ng/ul	96
22) Nitrobenzene	8.852	77	624355	43.910	ng/ul	97
23) Isophorone	9.375	82	1211961	43.869	ng/ul	96
25) 2-Nitrophenol	9.558	139	312960	37.517	ng/ul	97
26) 2,4-Dimethylphenol	9.622	107	651124	41.889	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.863	93	773224	44.211	ng/ul	99
29) 2,4-Dichlorophenol	10.087	162	539984	38.509	ng/ul	97
30) Naphthalene	10.481	128	1901581	40.752	ng/ul	99
32) 4-Chloroaniline	10.599	127	822939	41.366	ng/ul	100
33) Hexachlorobutadiene	10.769	225	329652	35.252	ng/ul	99
34) Caprolactam	11.363	113	176696m	37.070	ng/ul	
35) 4-Chloro-3-methylphenol	11.734	107	585578	40.384	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	1281735	40.278	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	1294279	39.788	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.475	216	650906	40.107	ng/ul#	98
40) Hexachlorocyclopentadiene	12.457	237	400967	43.089	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	409577	39.379	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	450839	40.064	ng/ul	97
43) 1,1'-Biphenyl	13.128	154	1692626	43.396	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	1275261	41.246	ng/ul	96
45) 2-Nitroaniline	13.381	65	341898	43.498	ng/ul	95
47) Dimethylphthalate	13.769	163	1571810	42.379	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	309509	39.336	ng/ul#	88
50) Acenaphthylene	14.016	152	2121819	42.267	ng/ul	99
51) 3-Nitroaniline	14.210	138	346990	39.841	ng/ul	90
52) Acenaphthene	14.363	153	1358503	42.403	ng/ul	97
53) 2,4-Dinitrophenol	14.416	184	158206	37.545	ng/ul	94
55) 4-Nitrophenol	14.528	109	214294	44.850	ng/ul	95
56) Dibenzofuran	14.698	168	1909192	41.238	ng/ul	94
57) 2,4-Dinitrotoluene	14.675	165	443444	39.105	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.928	232	354330	38.411	ng/ul#	86
59) Diethylphthalate	15.145	149	1561582	42.566	ng/ul	99
61) Fluorene	15.351	166	1523891	40.785	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	743485	39.149	ng/ul	96
63) 4-Nitroaniline	15.381	138	346283	38.228	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.434	198	236198	39.349	ng/ul#	95
67) N-Nitrosodiphenylamine	15.569	169	1326619	41.906	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	453964	40.040	ng/ul	94
69) Hexachlorobenzene	16.351	284	512098	38.799	ng/ul	93
70) Atrazine	16.534	200	474515	39.957	ng/ul	95
71) Pentachlorophenol	16.698	266	296488	44.037	ng/ul	97
72) Phenanthrene	17.092	178	2391737	41.030	ng/ul	99
74) Anthracene	17.187	178	2454313	40.964	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	677723	41.231	ng/ul	97
76) Pentachlorobenzene	14.616	250	639906	39.349	ng/ul	96
77) Carbazole	17.457	167	2223760	41.747	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2623134	42.091	ng/ul	99
80) Fluoranthene	19.122	202	2771615	42.444	ng/ul	97
82) Pyrene	19.486	202	2855208	42.447	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1116152	41.388	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.186	252	963961	42.673	ng/ul#	92
85) Benzo(a)anthracene	21.239	228	2756729	41.108	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	1767107	44.877	ng/ul	95
87) Chrysene	21.292	228	2678501	40.979	ng/ul	98
89) Di-n-octyl phthalate	22.086	149	2862732	41.739	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	2774487	41.197	ng/ul	98
91) Benzo(k)fluoranthene	22.886	252	2663507m	43.043	ng/ul	
93) Benzo(a)pyrene	23.427	252	2739548	42.099	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.533	276	2621477	35.771	ng/ul	99
95) Dibenzo(a,h)anthracene	25.845	278	2658682	42.145	ng/ul#	96
96) Benzo(g,h,i)perylene	26.533	276	2621477	42.201	ng/ul	97

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

