

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032823\
 Data File : BN024576.D
 Acq On : 27 Mar 2023 23:02
 Operator : CG/JU
 Sample : PB151701BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS701

Quant Time: Mar 28 01:02:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 28 00:57:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/28/2023
 Supervised By : Jagrut Upadhyay 03/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	309524	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	1356265	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	835046	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	1756342	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1610471	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	1742038	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	46248	5.829	ng/uL	0.00
4) Pyridine-d5	3.811	84	651437	29.671	ng/u1	0.00
7) Phenol-d5	7.169	99	910976	32.811	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	586480	32.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	692655	32.486	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	714345	32.365	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	341007	38.738	ng/u1	0.00
24) 2-Nitrophenol-d4	9.905	143	368105	38.347	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	682760	32.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	913680	29.565	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2010582	31.197	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2332822	31.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	411813	33.442	ng/u1	0.00
60) Fluorene-d10	15.640	176	1736644	32.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	350680	37.060	ng/u1	0.00
73) Anthracene-d10	17.498	188	2647347	31.960	ng/u1	0.00
81) Pyrene-d10	19.786	212	3107972	33.021	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	2961887	34.202	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	102522	11.932	ng/uL	94
5) Pyridine	3.828	79	702604	30.913	ng/u1	89
6) Benzaldehyde	7.146	77	571588	42.375	ng/u1	96
8) Phenol	7.199	94	958530	33.304	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	750439	32.177	ng/u1	94
12) 2-Chlorophenol	7.575	128	718207	32.445	ng/u1	96
13) 2-Methylphenol	8.458	108	706021	32.621	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1347785	36.425	ng/u1	97
16) Acetophenone	8.840	105	1122892	32.772	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.828	70	595609	35.403	ng/u1	90
18) 4-Methylphenol	8.787	108	779942	32.741	ng/u1	98
19) Hexachloroethane	9.099	117	290648	33.435	ng/u1	97
22) Nitrobenzene	9.228	77	883677	37.082	ng/u1	100
23) Isophorone	9.752	82	1633566	31.364	ng/u1	99
25) 2-Nitrophenol	9.940	139	406079	36.825	ng/u1	100
26) 2,4-Dimethylphenol	9.999	107	811664	32.296	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.234	93	1030986	31.879	ng/u1	97
29) 2,4-Dichlorophenol	10.475	162	678228	32.441	ng/u1	99
30) Naphthalene	10.881	128	2340848	31.363	ng/u1	100
32) 4-Chloroaniline	10.993	127	950970	30.514	ng/u1	99
33) Hexachlorobutadiene	11.163	225	388506	30.492	ng/u1	93
34) Caprolactam	11.769	113	228267m	32.017	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	779750	33.855	ng/u1	96
36) 2-Methylnaphthalene	12.487	142	1567317	31.894	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1615775	32.809	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.851	216	771167	30.690	ng/ul	96
40) Hexachlorocyclopentadiene	12.828	237	450914	33.297	ng/ul	95
41) 2,4,6-Trichlorophenol	13.087	196	528527	32.107	ng/ul	95
42) 2,4,5-Trichlorophenol	13.157	196	580265	32.731	ng/ul	97
43) 1,1'-Biphenyl	13.487	154	2068870	31.102	ng/ul	97
44) 2-Chloronaphthalene	13.534	162	1616834	31.197	ng/ul	99
45) 2-Nitroaniline	13.734	65	539357	47.768	ng/ul	90
47) Dimethylphthalate	14.104	163	2039527	31.399	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	404906	42.349	ng/ul	95
50) Acenaphthylene	14.375	152	2548853	31.531	ng/ul	98
51) 3-Nitroaniline	14.557	138	447925	38.541	ng/ul	99
52) Acenaphthene	14.716	153	1779243	32.266	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	230160	34.770	ng/ul	94
55) 4-Nitrophenol	14.857	109	317710	33.867	ng/ul	93
56) Dibenzofuran	15.051	168	2410966	31.123	ng/ul	96
57) 2,4-Dinitrotoluene	15.010	165	593691	39.392	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.275	232	486969	31.954	ng/ul	98
59) Diethylphthalate	15.469	149	2064452	31.885	ng/ul	99
61) Fluorene	15.698	166	1986366	32.729	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	941562	32.447	ng/ul	96
63) 4-Nitroaniline	15.722	138	482589	42.940	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.775	198	352847	36.863	ng/ul	97
67) N-Nitrosodiphenylamine	15.904	169	1698567	32.659	ng/ul	98
68) 4-Bromophenyl-phenylether	16.587	248	553066	31.673	ng/ul	99
69) Hexachlorobenzene	16.704	284	639333	30.097	ng/ul	97
70) Atrazine	16.851	200	464108	26.361	ng/ul	98
71) Pentachlorophenol	17.045	266	392692	29.883	ng/ul	94
72) Phenanthrene	17.439	178	3144201	32.316	ng/ul	97
74) Anthracene	17.534	178	3198003	32.600	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	772898	30.193	ng/ul	97
76) Pentachlorobenzene	14.969	250	784354	31.447	ng/ul	92
77) Carbazole	17.804	167	2968071	33.785	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3545350	33.903	ng/ul	100
80) Fluoranthene	19.451	202	3659417	33.444	ng/ul	98
82) Pyrene	19.816	202	3882322	33.630	ng/ul	100
83) Butylbenzylphthalate	20.704	149	1568094	53.340	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	1207278	38.895	ng/ul	92
85) Benzo(a)anthracene	21.563	228	3726915	33.200	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.480	149	2304916	47.243	ng/ul	98
87) Chrysene	21.622	228	3587164	33.385	ng/ul	96
89) Di-n-octyl phthalate	22.427	149	3961761	42.523	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	3720362	33.921	ng/ul	96
91) Benzo(k)fluoranthene	23.351	252	3656935	33.711	ng/ul	99
93) Benzo(a)pyrene	23.951	252	3366841	34.664	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.662	276	4093397	33.466	ng/ul	96
95) Dibenzo(a,h)anthracene	26.668	278	3369181	33.827	ng/ul	97
96) Benzo(g,h,i)perylene	27.451	276	3251707	32.220	ng/ul	97

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

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