

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
 Data File : BN032167.D
 Acq On : 22 Jun 2024 15:16
 Operator : MA/JU
 Sample : PB161647BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS647

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/26/2024

Quant Time: Jun 23 03:49:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	296539	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	1292491	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.275	164	854776	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1766221	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.262	240	1504491	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1460602	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	47810	6.670	ng/uL	0.00
4) Pyridine-d5	3.563	84	531500	26.341	ng/u1	0.00
7) Phenol-d5	6.810	99	777979	30.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	423141	28.456	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	655466	33.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	656411	31.676	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	333596	33.757	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	374090	36.645	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	672072	35.265	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	827355	29.239	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	2042801	34.305	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	2343374	34.224	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	405735	34.030	ng/u1	0.00
60) Fluorene-d10	15.275	176	1731288	34.361	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	366626	41.297	ng/u1	0.00
73) Anthracene-d10	17.127	188	2639967	34.913	ng/u1	0.00
81) Pyrene-d10	19.427	212	3048925	37.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2510070	35.990	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	76012	9.911	ng/uL	97
5) Pyridine	3.581	79	540493	26.791	ng/u1	98
6) Benzaldehyde	6.787	77	365653	30.666	ng/u1	91
8) Phenol	6.840	94	805834	31.147	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	633985	29.635	ng/u1	93
12) 2-Chlorophenol	7.199	128	680193	33.509	ng/u1	95
13) 2-Methylphenol	8.075	108	626390	31.347	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.151	45	697563	28.326	ng/u1	100
16) Acetophenone	8.457	105	1002989	31.937	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.440	70	467090	28.702	ng/u1#	95
18) 4-Methylphenol	8.404	108	699225	32.280	ng/u1	99
19) Hexachloroethane	8.693	117	271106	31.540	ng/u1	90
22) Nitrobenzene	8.834	77	714309	30.338	ng/u1	93
23) Isophorone	9.357	82	1408314	29.158	ng/u1	96
25) 2-Nitrophenol	9.534	139	405785	36.383	ng/u1	93
26) 2,4-Dimethylphenol	9.598	107	645545	29.753	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.840	93	893405	29.680	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	668679	35.535	ng/u1	99
30) Naphthalene	10.463	128	2198894	32.873	ng/u1	99
32) 4-Chloroaniline	10.581	127	791798	28.822	ng/u1	98
33) Hexachlorobutadiene	10.734	225	400414	35.429	ng/u1	92
34) Caprolactam	11.381	113	242355m	32.996	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	746915	33.958	ng/u1	96
36) 2-Methylnaphthalene	12.081	142	1534348	33.558	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	1561490	34.037	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.451	216	805800	35.645	ng/ul	96
40) Hexachlorocyclopentadiene	12.422	237	313368	24.052	ng/ul	95
41) 2,4,6-Trichlorophenol	12.698	196	526561	34.318	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	590000	35.385	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	2039411	33.920	ng/ul	96
44) 2-Chloronaphthalene	13.145	162	1588038	33.723	ng/ul	96
45) 2-Nitroaniline	13.369	65	434865	31.857	ng/ul	86
47) Dimethylphthalate	13.745	163	2089117	34.304	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	442858	36.583	ng/ul	96
50) Acenaphthylene	13.998	152	2598954	33.585	ng/ul	99
51) 3-Nitroaniline	14.198	138	464583	35.895	ng/ul	91
52) Acenaphthene	14.339	153	1716444	33.523	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	249492	40.824	ng/ul	93
55) 4-Nitrophenol	14.522	109	309783	35.025	ng/ul	88
56) Dibenzofuran	14.681	168	2399465	34.493	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	644503	36.284	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	472593	33.885	ng/ul	100
59) Diethylphthalate	15.110	149	2139991	34.053	ng/ul	99
61) Fluorene	15.328	166	1897676	33.876	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.328	204	920347	33.920	ng/ul	93
63) 4-Nitroaniline	15.369	138	498335m	40.445	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	389848	41.307	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	1745432	35.852	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	627226	36.652	ng/ul	97
69) Hexachlorobenzene	16.327	284	721572	37.203	ng/ul	93
70) Atrazine	16.504	200	267770	17.420	ng/ul	96
71) Pentachlorophenol	16.680	266	397316	32.018	ng/ul	93
72) Phenanthrene	17.069	178	3125968	34.743	ng/ul	98
74) Anthracene	17.163	178	3073283	33.710	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.063	216	792445	34.858	ng/ul	98
76) Pentachlorobenzene	14.592	250	788893	35.627	ng/ul	99
77) Carbazole	17.439	167	2944809	37.881	ng/ul	98
78) Di-n-butylphthalate	17.998	149	3802878	35.557	ng/ul	99
80) Fluoranthene	19.092	202	3574350	37.149	ng/ul	98
82) Pyrene	19.457	202	3750776	37.995	ng/ul	95
83) Butylbenzylphthalate	20.363	149	1675444	35.934	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.180	252	1043226	36.160	ng/ul	94
85) Benzo(a)anthracene	21.245	228	3428836	34.049	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	2332647	34.321	ng/ul	96
87) Chrysene	21.304	228	3305757	35.144	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	3965843	40.557	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	3193549	36.580	ng/ul	97
91) Benzo(k)fluoranthene	23.315	252	3078085	35.930	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2667209	32.619	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.445	276	3178389	33.732	ng/ul	97
95) Dibenzo(a,h)anthracene	27.492	278	2573819	33.458	ng/ul	96
96) Benzo(g,h,i)perylene	28.474	276	2447146m	32.672	ng/ul	

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

