

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN031033.D
 Acq On : 19 Apr 2024 07:41
 Operator : MA/JU
 Sample : PB160331BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS331

Quant Time: Apr 19 08:12:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 22:24:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	104994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	501111	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	350777	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	783737	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	866931	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1183029	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	20026	8.943	ng/uL	0.00
4) Pyridine-d5	3.552	84	230267	34.295	ng/u1	0.00
7) Phenol-d5	6.810	99	342910	40.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	191998	36.599	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	268144	41.617	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	280802	39.447	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	139129	40.024	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	145847	45.863	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	285881	41.064	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	393970	34.374	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	910944	38.896	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	1067870	39.657	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	201809	45.049	ng/u1	0.00
60) Fluorene-d10	15.281	176	810071	39.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	146739	42.418	ng/u1	0.00
73) Anthracene-d10	17.133	188	1335369	39.545	ng/u1	0.00
81) Pyrene-d10	19.439	212	1677631	35.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2223996	40.799	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	27768	11.576	ng/uL	94
5) Pyridine	3.569	79	232591	34.330	ng/u1	95
6) Benzaldehyde	6.787	77	175058	44.259	ng/u1	95
8) Phenol	6.840	94	359469	40.627	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.075	93	266948	36.997	ng/u1	98
12) 2-Chlorophenol	7.205	128	281292	40.697	ng/u1	96
13) 2-Methylphenol	8.081	108	271049	39.754	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	350531	34.501	ng/u1	99
16) Acetophenone	8.457	105	435895	38.784	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.446	70	216950	38.326	ng/u1	97
18) 4-Methylphenol	8.404	108	302195	39.592	ng/u1	96
19) Hexachloroethane	8.704	117	110846	38.251	ng/u1	100
22) Nitrobenzene	8.834	77	311662	36.727	ng/u1	99
23) Isophorone	9.357	82	636376	37.604	ng/u1	99
25) 2-Nitrophenol	9.540	139	161777	43.286	ng/u1	97
26) 2,4-Dimethylphenol	9.604	107	284859	34.293	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.840	93	375485	34.897	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	283919	39.954	ng/u1	99
30) Naphthalene	10.469	128	948992	36.924	ng/u1	100
32) 4-Chloroaniline	10.587	127	376487	34.084	ng/u1	100
33) Hexachlorobutadiene	10.746	225	161358	36.075	ng/u1	95
34) Caprolactam	11.363	113	116965	44.060	ng/u1	91
35) 4-Chloro-3-methylphenol	11.716	107	332420	41.534	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	683148	38.061	ng/u1	99

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37) 1-Methylnaphthalene	12.310	142	693005	38.035	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	349554	38.614	ng/ul	95
40) Hexachlorocyclopentadiene	12.434	237	155683	30.283	ng/ul	97
41) 2,4,6-Trichlorophenol	12.710	196	237873	42.051	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	260213	40.732	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	877100	36.685	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	711053	37.779	ng/ul	99
45) 2-Nitroaniline	13.369	65	213304	42.586	ng/ul	98
47) Dimethylphthalate	13.745	163	896080	37.039	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	184044	41.031	ng/ul	94
50) Acenaphthylene	14.004	152	1182717	38.014	ng/ul	99
51) 3-Nitroaniline	14.198	138	213027	44.745	ng/ul	97
52) Acenaphthene	14.351	153	767975	37.040	ng/ul	96
53) 2,4-Dinitrophenol	14.404	184	94083	45.667	ng/ul	89
55) 4-Nitrophenol	14.510	109	158727	44.722	ng/ul	96
56) Dibenzofuran	14.686	168	1092655	37.912	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	285486	43.595	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	233896	44.084	ng/ul	99
59) Diethylphthalate	15.122	149	980044	39.876	ng/ul	100
61) Fluorene	15.339	166	892542	38.962	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	419684	37.341	ng/ul	99
63) 4-Nitroaniline	15.369	138	244412	52.806	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	161804	43.530	ng/ul	95
67) N-Nitrosodiphenylamine	15.551	169	811631	38.026	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	275859	37.067	ng/ul	99
69) Hexachlorobenzene	16.333	284	317049	36.179	ng/ul	98
70) Atrazine	16.510	200	303648	41.045	ng/ul	97
71) Pentachlorophenol	16.686	266	222988	43.157	ng/ul	92
72) Phenanthrene	17.080	178	1547521	38.432	ng/ul	99
74) Anthracene	17.169	178	1570029	38.570	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	345970	35.932	ng/uL	99
76) Pentachlorobenzene	14.604	250	345200	35.297	ng/uL	93
77) Carbazole	17.445	167	1524424	42.704	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1916073	43.998	ng/ul	100
80) Fluoranthene	19.098	202	1965454	35.473	ng/ul	98
82) Pyrene	19.469	202	2070535	35.384	ng/ul	99
83) Butylbenzylphthalate	20.380	149	985498	44.101	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.186	252	732946	46.012	ng/ul	98
85) Benzo(a)anthracene	21.251	228	2211210	38.218	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1422930	43.178	ng/ul	100
87) Chrysene	21.316	228	2140486	39.196	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	2932574	39.144	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2523016	36.238	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2509766	35.496	ng/ul	93
93) Benzo(a)pyrene	24.039	252	2242116	34.091	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.433	276	3215399	45.227	ng/ul	99
95) Dibenzo(a,h)anthracene	27.498	278	2614898	43.690	ng/ul	96
96) Benzo(g,h,i)perylene	28.450	276	2455883m	44.001	ng/ul	

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

