

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
 Data File : BN022743.D
 Acq On : 18 Nov 2022 05:55
 Operator : CG/JU
 Sample : PB149055BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS055

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
 Supervised By :mohammad ahmed 11/21/2022

Quant Time: Nov 18 06:36:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 18 05:17:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	56504	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	271444	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	186723	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	395516	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	392734	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	413075	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10222	6.176	ng/uL	0.00
4) Pyridine-d5	3.611	84	147198	31.450	ng/u1	0.00
7) Phenol-d5	7.022	99	203397	38.113	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	124830	39.013	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	148415	37.975	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	168795	40.064	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	79818	37.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	89100	38.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	159130	39.815	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	214541	35.241	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	531672	39.147	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	579233	38.707	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	106309	39.265	ng/u1	0.00
60) Fluorene-d10	15.522	176	434162	38.977	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	93608	37.235	ng/u1	0.00
73) Anthracene-d10	17.380	188	677537	39.121	ng/u1	0.00
81) Pyrene-d10	19.686	212	736401	36.182	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	809866	39.002	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.217	88	19702	11.187	ng/uL#	87
5) Pyridine	3.634	79	142189	30.640	ng/u1	98
6) Benzaldehyde	6.993	77	114258	42.317	ng/u1	98
8) Phenol	7.052	94	200887	36.142	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.281	93	154323	35.631	ng/u1	99
12) 2-Chlorophenol	7.410	128	146715	35.157	ng/u1	98
13) 2-Methylphenol	8.310	108	151719	36.672	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	215989	37.779	ng/u1	98
16) Acetophenone	8.693	105	255127	37.940	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.681	70	142583	39.785	ng/u1	99
18) 4-Methylphenol	8.646	108	170365	37.924	ng/u1	95
19) Hexachloroethane	8.934	117	61692	34.916	ng/u1	98
22) Nitrobenzene	9.075	77	204857	35.987	ng/u1	98
23) Isophorone	9.604	82	405326	37.225	ng/u1	100
25) 2-Nitrophenol	9.787	139	92709	35.969	ng/u1	92
26) 2,4-Dimethylphenol	9.851	107	201752	36.491	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	231162	36.814	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	147723	36.365	ng/u1	96
30) Naphthalene	10.722	128	511628	35.511	ng/u1	100
32) 4-Chloroaniline	10.846	127	209257	32.913	ng/u1	98
33) Hexachlorobutadiene	10.998	225	89342	35.731	ng/u1	95
34) Caprolactam	11.640	113	58567m	38.004	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	205065	38.706	ng/u1	98
36) 2-Methylnaphthalene	12.340	142	356471	36.319	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	362143	36.807	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	173897	34.697	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	88761	30.333	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.957	196	124153	34.890	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	135476	35.952	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	480657	35.070	ng/ul	98
44) 2-Chloronaphthalene	13.398	162	371841	34.817	ng/ul	97
45) 2-Nitroaniline	13.622	65	142801	36.818	ng/ul	97
47) Dimethylphthalate	13.992	163	513699	35.986	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	107525	37.211	ng/ul	97
50) Acenaphthylene	14.245	152	602757	36.056	ng/ul	99
51) 3-Nitroaniline	14.451	138	106010	34.072	ng/ul	95
52) Acenaphthene	14.587	153	423936	35.742	ng/ul	95
53) 2,4-Dinitrophenol	14.657	184	64693	32.036	ng/ul	99
55) 4-Nitrophenol	14.769	109	97848	36.459	ng/ul	97
56) Dibenzofuran	14.928	168	560654	35.775	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	161851	38.463	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	117367	36.366	ng/ul	97
59) Diethylphthalate	15.351	149	551221	36.432	ng/ul	99
61) Fluorene	15.575	166	481838	36.817	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.569	204	224388	36.373	ng/ul	92
63) 4-Nitroaniline	15.616	138	110471	39.814	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	89365	34.391	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	421773	35.617	ng/ul	97
68) 4-Bromophenyl-phenylether	16.469	248	134430	34.515	ng/ul	97
69) Hexachlorobenzene	16.581	284	166945	36.668	ng/ul	91
70) Atrazine	16.751	200	154678	36.644	ng/ul	98
71) Pentachlorophenol	16.928	266	99744	34.481	ng/ul	95
72) Phenanthrene	17.322	178	777481	36.470	ng/ul	98
74) Anthracene	17.416	178	768389	35.584	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	173475	33.260	ng/uL	94
76) Pentachlorobenzene	14.845	250	171087	30.393	ng/uL	98
77) Carbazole	17.692	167	732176	36.493	ng/ul	98
78) Di-n-butylphthalate	18.251	149	980593	34.342	ng/ul	100
80) Fluoranthene	19.351	202	896283	35.284	ng/ul	99
82) Pyrene	19.716	202	924278	35.520	ng/ul	99
83) Butylbenzylphthalate	20.616	149	476137	35.948	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	307365	35.470	ng/ul	94
85) Benzo(a)anthracene	21.474	228	902965	34.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	710271	36.332	ng/ul	99
87) Chrysene	21.527	228	857102	34.898	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	1241532	34.174	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	974905	34.826	ng/ul	96
91) Benzo(k)fluoranthene	23.204	252	925882	34.844	ng/ul	99
93) Benzo(a)pyrene	23.780	252	860434	36.262	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.404	276	1042640	38.637	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	925089	38.248	ng/ul	99
96) Benzo(g,h,i)perylene	27.174	276	867797	36.882	ng/ul	96

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

