

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020199.D
 Acq On : 16 Jun 2022 11:54
 Operator : CG/JU
 Sample : PB145548BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS548

Quant Time: Jun 17 02:26:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	170566	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	789205	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	502881	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1058740	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	884439	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	803216	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24557	6.236	ng/uL	0.00
4) Pyridine-d5	3.664	84	329506	30.613	ng/u1	-0.01
7) Phenol-d5	6.987	99	456174	32.321	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	278630	31.598	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	376906	32.866	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	396044	32.434	ng/u1	0.02
21) Nitrobenzene-d5	8.946	128	195151	32.503	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	217415	34.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	372237	33.463	ng/u1	0.01
31) 4-Chloroaniline-d4	10.722	131	533058	29.592	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1216997	33.260	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1400299	33.000	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	232194	31.668	ng/u1	0.03
60) Fluorene-d10	15.416	176	1005189	33.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	223665	36.470	ng/u1	0.00
73) Anthracene-d10	17.263	188	1542529	33.384	ng/u1	0.00
81) Pyrene-d10	19.557	212	1684477	35.132	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	1328157	33.796	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	47764	11.489	ng/uL#	91
5) Pyridine	3.687	79	330917	29.326	ng/u1	95
6) Benzaldehyde	6.934	77	260622	39.190	ng/u1	91
8) Phenol	7.010	94	465247	30.957	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.222	93	357973	30.432	ng/u1	99
12) 2-Chlorophenol	7.369	128	376453	31.405	ng/u1	98
13) 2-Methylphenol	8.257	108	358725	31.048	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	555433	30.112	ng/u1	98
16) Acetophenone	8.616	105	577491	31.098	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.605	70	289437	30.511	ng/u1	95
18) 4-Methylphenol	8.581	108	401561	31.490	ng/u1	95
19) Hexachloroethane	8.869	117	147523	30.586	ng/u1	87
22) Nitrobenzene	8.987	77	427389	30.700	ng/u1	96
23) Isophorone	9.516	82	843338	30.681	ng/u1	100
25) 2-Nitrophenol	9.699	139	224983	31.953	ng/u1	98
26) 2,4-Dimethylphenol	9.775	107	447608	30.685	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	511385	30.402	ng/u1	98
29) 2,4-Dichlorophenol	10.246	162	362639	31.516	ng/u1	98
30) Naphthalene	10.634	128	1219801	29.823	ng/u1	99
32) 4-Chloroaniline	10.746	127	509401	28.272	ng/u1	100
33) Hexachlorobutadiene	10.928	225	199299	30.168	ng/u1	98
34) Caprolactam	11.510	113	141642m	31.522	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	450306	33.143	ng/u1	98
36) 2-Methylnaphthalene	12.246	142	848851	30.698	ng/u1	98

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37) 1-Methylnaphthalene	12.463	142	876589	31.064	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	394282	30.742	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	200231	25.664	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	291205	32.928	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	319415	32.612	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1159430	31.136	ng/ul	100
44) 2-Chloronaphthalene	13.298	162	878219	31.088	ng/ul	96
45) 2-Nitroaniline	13.504	65	296646	33.754	ng/ul	93
47) Dimethylphthalate	13.887	163	1163718	31.592	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	247670	34.389	ng/ul	95
50) Acenaphthylene	14.145	152	1475895	31.415	ng/ul	100
51) 3-Nitroaniline	14.328	138	259229	34.047	ng/ul	98
52) Acenaphthene	14.487	153	942454	30.711	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	158367	34.345	ng/ul	98
55) 4-Nitrophenol	14.675	109	186000	29.719	ng/ul	96
56) Dibenzofuran	14.822	168	1349022	31.203	ng/ul	98
57) 2,4-Dinitrotoluene	14.787	165	365606	34.285	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	255303	33.205	ng/ul	91
59) Diethylphthalate	15.251	149	1214435	32.023	ng/ul	97
61) Fluorene	15.469	166	1049555	31.198	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.469	204	478577	30.890	ng/ul	92
63) 4-Nitroaniline	15.492	138	270888	38.075	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	214976	34.574	ng/ul	97
67) N-Nitrosodiphenylamine	15.681	169	953974	31.430	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	292915	31.769	ng/ul#	90
69) Hexachlorobenzene	16.481	284	338123	31.903	ng/ul#	92
70) Atrazine	16.634	200	352239	33.261	ng/ul	94
71) Pentachlorophenol	16.828	266	205958	31.201	ng/ul	94
72) Phenanthrene	17.204	178	1769068	31.662	ng/ul	100
74) Anthracene	17.298	178	1789218	31.847	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.228	216	424166	29.918	ng/ul	98
76) Pentachlorobenzene	14.751	250	394287	31.467	ng/ul	96
77) Carbazole	17.569	167	1689257	33.051	ng/ul	97
78) Di-n-butylphthalate	18.139	149	2099777	33.131	ng/ul	100
80) Fluoranthene	19.227	202	2007767	34.671	ng/ul	97
82) Pyrene	19.592	202	2039556	34.330	ng/ul	96
83) Butylbenzylphthalate	20.498	149	1003288	37.524	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.274	252	552877	32.729	ng/ul#	98
85) Benzo(a)anthracene	21.339	228	1772496	31.737	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.280	149	1393183	36.930	ng/ul	98
87) Chrysene	21.392	228	1735189	31.757	ng/ul	98
89) Di-n-octyl phthalate	22.180	149	2478017	37.905	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1651603	32.763	ng/ul	97
91) Benzo(k)fluoranthene	23.016	252	1601810	33.379	ng/ul	97
93) Benzo(a)pyrene	23.568	252	1574690	32.270	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.045	276	1651672	32.899	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.068	278	1419964	33.113	ng/ul	97
96) Benzo(g,h,i)perylene	26.780	276	1465453	34.565	ng/ul	95

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

