

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042722\
 Data File : BN019543.D
 Acq On : 27 Apr 2022 13:52
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV216

Quant Time: Apr 27 19:04:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 27 13:41:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	168601	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.663	136	673581	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	374584	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	688491	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	591907	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	596962	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	37415	8.375	ng/uL	0.00
4) Pyridine-d5	3.746	84	229142	20.254	ng/u1	0.00
7) Phenol-d5	7.028	99	298357	20.420	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	173175	20.434	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.399	132	242705	20.942	ng/u1	-0.01
15) 4-Methylphenol-d8	8.569	113	226954	20.277	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	107424	21.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	106377	21.979	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	206594	21.324	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	300516	20.433	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	547537	21.282	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	742724	21.351	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	98242	19.634	ng/u1	0.00
60) Fluorene-d10	15.486	176	473696	20.857	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	64009	18.211	ng/u1	0.00
73) Anthracene-d10	17.333	188	684343	21.106	ng/u1	0.00
81) Pyrene-d10	19.627	212	725882	21.330	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	669369	21.935	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	37175	8.159	ng/uL	94
5) Pyridine	3.764	79	245048	20.555	ng/u1	98
6) Benzaldehyde	7.005	77	161398	21.553	ng/u1	95
8) Phenol	7.058	94	304248	20.694	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	234828	20.585	ng/u1	98
12) 2-Chlorophenol	7.434	128	248982	21.155	ng/u1	98
13) 2-Methylphenol	8.305	108	219081	20.125	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	336106	20.500	ng/u1	99
16) Acetophenone	8.687	105	353523	21.048	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	166500	21.299	ng/u1	97
18) 4-Methylphenol	8.634	108	242100	20.771	ng/u1	100
19) Hexachloroethane	8.957	117	97190	20.370	ng/u1	89
22) Nitrobenzene	9.063	77	251766	21.743	ng/u1	95
23) Isophorone	9.593	82	440948	21.352	ng/u1	99
25) 2-Nitrophenol	9.775	139	120718	22.088	ng/u1	96
26) 2,4-Dimethylphenol	9.840	107	260967	21.435	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.075	93	289532	21.321	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	207382	21.350	ng/u1	98
30) Naphthalene	10.716	128	751041	20.819	ng/u1	99
32) 4-Chloroaniline	10.816	127	309583	20.943	ng/u1	99
33) Hexachlorobutadiene	11.016	225	122968	21.101	ng/u1	98
34) Caprolactam	11.575	113	53981	19.650	ng/u1	89
35) 4-Chloro-3-methylphenol	11.940	107	217150	21.121	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	491617	21.175	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	493102	21.215	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.693	216	224044	21.556	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	132370	20.698	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	137436	21.197	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	148917	21.153	ng/ul	98
43) 1,1'-Biphenyl	13.334	154	624654	21.092	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	474961	20.990	ng/ul	97
45) 2-Nitroaniline	13.569	65	117760	21.687	ng/ul	93
47) Dimethylphthalate	13.951	163	543378	21.267	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	96089	21.801	ng/ul	96
50) Acenaphthylene	14.216	152	760035	21.266	ng/ul	99
51) 3-Nitroaniline	14.387	138	75317	16.671	ng/ul#	95
52) Acenaphthene	14.557	153	488456	20.883	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	40768	16.675	ng/ul	97
55) 4-Nitrophenol	14.687	109	78630	19.776	ng/ul	95
56) Dibenzofuran	14.892	168	674478	20.643	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	141018	22.002	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	110366	21.493	ng/ul	92
59) Diethylphthalate	15.322	149	518052	20.615	ng/ul	99
61) Fluorene	15.539	166	537017	21.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	248408	21.660	ng/ul	97
63) 4-Nitroaniline	15.545	138	52807	13.638	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.610	198	69749	19.511	ng/ul#	98
67) N-Nitrosodiphenylamine	15.751	169	456285	21.599	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	132389	20.468	ng/ul	94
69) Hexachlorobenzene	16.545	284	147135	20.224	ng/ul#	91
70) Atrazine	16.698	200	137730	20.438	ng/ul	97
71) Pentachlorophenol	16.886	266	84961	19.244	ng/ul	98
72) Phenanthrene	17.281	178	818676	21.278	ng/ul	99
74) Anthracene	17.369	178	816292	21.238	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	230276	21.697	ng/ul	98
76) Pentachlorobenzene	14.816	250	198322	21.450	ng/ul	96
77) Carbazole	17.633	167	739700	21.170	ng/ul	98
78) Di-n-butylphthalate	18.216	149	766485	20.507	ng/ul	99
80) Fluoranthene	19.292	202	874224	21.793	ng/ul	96
82) Pyrene	19.657	202	899642	21.531	ng/ul#	94
83) Butylbenzylphthalate	20.569	149	329611	21.326	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.339	252	238314	20.048	ng/ul#	96
85) Benzo(a)anthracene	21.410	228	817144	21.555	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.357	149	502159	21.174	ng/ul	99
87) Chrysene	21.457	228	791957	21.267	ng/ul	98
89) Di-n-octyl phthalate	22.269	149	805573	19.712	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	809443	20.960	ng/ul#	96
91) Benzo(k)fluoranthene	23.110	252	784930	22.408	ng/ul	97
93) Benzo(a)pyrene	23.674	252	823142	22.445	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.209	276	913742	21.742	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.221	278	796462	22.163	ng/ul	97
96) Benzo(g,h,i)perylene	26.951	276	804924	21.775	ng/ul	95

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

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