

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010266.D
 Acq On : 10 May 2022 15:43
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV637

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 10 18:25:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 15:59:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	93619	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	426396	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.551	164	306972	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	705340	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	784257	20.000	ng/u1	# 0.00
88) Perylene-d12	23.827	264	814915	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	17033	7.729	ng/uL	0.00
4) Pyridine-d5	3.770	84	116517	19.000	ng/u1	0.00
7) Phenol-d5	7.075	99	164682	18.939	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	105732	19.656	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	124850	19.496	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	137198	19.192	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	66058	19.321	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	73780	18.927	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	137475m	19.376	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	216151	20.636	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	472066	19.303	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	555667	19.058	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	87497	18.652	ng/u1	0.00
60) Fluorene-d10	15.539	176	400606	19.406	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	81389	16.850	ng/u1	0.00
73) Anthracene-d10	17.398	188	650973	18.847	ng/u1	0.00
81) Pyrene-d10	19.633	212	812773	18.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	837994	19.282	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	17669m	7.844	ng/uL	
5) Pyridine	3.793	79	118209	18.391	ng/u1#	36
6) Benzaldehyde	7.052	77	99604	20.729	ng/u1	94
8) Phenol	7.105	94	167135	19.066	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.334	93	135533	19.757	ng/u1#	77
12) 2-Chlorophenol	7.475	128	126729	19.705	ng/u1	95
13) 2-Methylphenol	8.358	108	125981	18.934	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	216492	20.063	ng/u1#	83
16) Acetophenone	8.740	105	219344	19.630	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.722	70	117845	20.189	ng/u1#	70
18) 4-Methylphenol	8.687	108	141904	19.492	ng/u1	93
19) Hexachloroethane	8.999	117	53783	19.614	ng/u1	86
22) Nitrobenzene	9.116	77	169270	19.504	ng/u1#	82
23) Isophorone	9.646	82	328894	19.350	ng/u1#	95
25) 2-Nitrophenol	9.828	139	75891	18.951	ng/u1#	85
26) 2,4-Dimethylphenol	9.893	107	164730	19.265	ng/u1#	76
27) Bis(2-Chloroethoxy)met...	10.128	93	194495	19.498	ng/u1#	97
29) 2,4-Dichlorophenol	10.363	162	132995	19.189	ng/u1#	83
30) Naphthalene	10.769	128	440966	19.382	ng/u1#	96
32) 4-Chloroaniline	10.881	127	212328	20.313	ng/u1	98
33) Hexachlorobutadiene	11.063	225	92832	19.558	ng/u1	97
34) Caprolactam	11.651	113	48774	18.470	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.999	107	164411	19.714	ng/u1#	70
36) 2-Methylnaphthalene	12.375	142	314711	19.537	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.598	142	318784	19.467	ng/ul#	95	05/11/2022
39) 1,2,4,5-Tetrachloroben...	12.746	216	179073	18.976	ng/ul#	93	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.728	237	93985	17.866	ng/ul	93	
41) 2,4,6-Trichlorophenol	12.987	196	117600	19.002	ng/ul#	81	
42) 2,4,5-Trichlorophenol	13.057	196	127370	18.884	ng/ul#	87	
43) 1,1'-Biphenyl	13.381	154	443112	19.323	ng/ul	94	
44) 2-Chloronaphthalene	13.428	162	339974	19.141	ng/ul	92	05/12/2022
45) 2-Nitroaniline	13.628	65	112913	18.779	ng/ul#	81	
47) Dimethylphthalate	14.004	163	465111	19.602	ng/ul#	91	
48) 2,6-Dinitrotoluene	14.122	165	93257	19.262	ng/ul	99	
50) Acenaphthylene	14.269	152	566234	19.413	ng/ul	95	
51) 3-Nitroaniline	14.451	138	62838m	14.835	ng/ul		
52) Acenaphthene	14.610	153	364386	19.298	ng/ul	97	
53) 2,4-Dinitrophenol	14.657	184	49621	15.663	ng/ul#	77	
55) 4-Nitrophenol	14.757	109	75002	18.852	ng/ul#	45	
56) Dibenzofuran	14.945	168	532866	19.286	ng/ul	96	
57) 2,4-Dinitrotoluene	14.910	165	137026	19.345	ng/ul#	81	
58) 2,3,4,6-Tetrachlorophenol	15.175	232	116414	19.446	ng/ul#	86	
59) Diethylphthalate	15.369	149	472395	19.286	ng/ul	94	
61) Fluorene	15.598	166	441062	19.273	ng/ul	89	
62) 4-Chlorophenyl-phenyle...	15.592	204	229475	19.397	ng/ul	97	
63) 4-Nitroaniline	15.616	138	59581m	14.234	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.675	198	82690	17.573	ng/ul#	85	
67) N-Nitrosodiphenylamine	15.804	169	391523	18.883	ng/ul	96	
68) 4-Bromophenyl-phenylether	16.492	248	140234	18.822	ng/ul	94	
69) Hexachlorobenzene	16.610	284	162573	18.866	ng/ul#	90	
70) Atrazine	16.763	200	154598	18.456	ng/ul#	88	
71) Pentachlorophenol	16.951	266	100920	17.644	ng/ul#	82	
72) Phenanthrene	17.345	178	734939	18.898	ng/ul	99	
74) Anthracene	17.439	178	746160	18.918	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.351	216	193259m	18.726	ng/uL		
76) Pentachlorobenzene	14.875	250	183962	18.644	ng/uL	89	
77) Carbazole	17.704	167	657707	18.482	ng/ul#	95	
78) Di-n-butylphthalate	18.257	149	827323	18.394	ng/ul#	93	
80) Fluoranthene	19.310	202	917674	18.623	ng/ul	97	
82) Pyrene	19.663	202	954820	18.720	ng/ul#	95	
83) Butylbenzylphthalate	20.533	149	400227	18.425	ng/ul#	80	
84) 3,3'-Dichlorobenzidine	21.298	252	284432	16.969	ng/ul#	98	
85) Benzo(a)anthracene	21.369	228	961398	18.752	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.292	149	596407	18.199	ng/ul#	82	
87) Chrysene	21.422	228	949462	18.686	ng/ul	99	
89) Di-n-octyl phthalate	22.233	149	1022207	18.634	ng/ul	100	
90) Benzo(b)fluoranthene	23.080	252	1004206	18.763	ng/ul	100	
91) Benzo(k)fluoranthene	23.133	252	1010135	20.003	ng/ul#	97	
93) Benzo(a)pyrene	23.721	252	1014414	19.566	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	26.374	276	1142081	19.929	ng/ul#	93	
95) Dibenzo(a,h)anthracene	26.392	278	979345	19.988	ng/ul#	95	
96) Benzo(g,h,i)perylene	27.162	276	969622	20.033	ng/ul#	91	

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

