

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010014.D
 Acq On : 21 Apr 2022 15:03
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV629

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Apr 22 03:06:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	154042	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	701982	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	508662	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1106760	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	1055162	20.000	ng/u1	# 0.00
88) Perylene-d12	23.863	264	910119	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	29282	8.289	ng/uL	0.00
4) Pyridine-d5	3.787	84	204992	20.628	ng/u1	0.00
7) Phenol-d5	7.105	99	286216	20.427	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	177573	21.121	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	224219	21.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	244072	21.024	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	118704	21.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	134319	22.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	253385	21.346	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	373150	21.924	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	826047	20.877	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1012549	21.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	146799	20.153	ng/u1	0.00
60) Fluorene-d10	15.569	176	702512	20.640	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	138576	19.802	ng/u1	0.00
73) Anthracene-d10	17.428	188	1127415	21.056	ng/u1	0.00
81) Pyrene-d10	19.657	212	1332955	22.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1034546	21.682	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	29685	8.087	ng/uL#	18
5) Pyridine	3.805	79	212583	20.579	ng/u1#	42
6) Benzaldehyde	7.075	77	159707	21.329	ng/u1	94
8) Phenol	7.128	94	290045	20.602	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.364	93	230189	21.222	ng/u1#	79
12) 2-Chlorophenol	7.505	128	222057	21.215	ng/u1	95
13) 2-Methylphenol	8.387	108	223841	20.731	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	346676	21.540	ng/u1#	85
16) Acetophenone	8.764	105	387030	21.368	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.752	70	208831	22.006	ng/u1#	74
18) 4-Methylphenol	8.711	108	247723	20.838	ng/u1	88
19) Hexachloroethane	9.028	117	94207	21.420	ng/u1#	82
22) Nitrobenzene	9.146	77	292100	21.354	ng/u1#	87
23) Isophorone	9.675	82	579651	21.454	ng/u1	96
25) 2-Nitrophenol	9.858	139	139585	21.614	ng/u1#	85
26) 2,4-Dimethylphenol	9.922	107	298206	21.328	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.158	93	338017	21.345	ng/u1#	98
29) 2,4-Dichlorophenol	10.393	162	245090	21.479	ng/u1#	83
30) Naphthalene	10.799	128	779650	21.220	ng/u1	97
32) 4-Chloroaniline	10.905	127	368357	21.962	ng/u1	97
33) Hexachlorobutadiene	11.093	225	168487	20.834	ng/u1	96
34) Caprolactam	11.669	113	84354m	20.551	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	297316	21.569	ng/u1#	71
36) 2-Methylnaphthalene	12.404	142	563728	21.156	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.622	142	569130	21.035	ng/ul#	94	04/22/2022
39) 1,2,4,5-Tetrachloroben...	12.775	216	329201	20.948	ng/ul#	92	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.757	237	172545	19.482	ng/ul	95	
41) 2,4,6-Trichlorophenol	13.010	196	213941	21.041	ng/ul#	81	
42) 2,4,5-Trichlorophenol	13.081	196	237947	21.508	ng/ul#	87	
43) 1,1'-Biphenyl	13.410	154	789670	21.049	ng/ul	93	
44) 2-Chloronaphthalene	13.451	162	612367	21.092	ng/ul	93	04/26/2022
45) 2-Nitroaniline	13.651	65	200783	21.328	ng/ul#	84	
47) Dimethylphthalate	14.028	163	802072	20.857	ng/ul#	93	
48) 2,6-Dinitrotoluene	14.146	165	166827	21.139	ng/ul	95	
50) Acenaphthylene	14.299	152	1010550	21.304	ng/ul	95	
51) 3-Nitroaniline	14.475	138	109123	15.264	ng/ul#	84	
52) Acenaphthene	14.640	153	648046	21.010	ng/ul	98	
53) 2,4-Dinitrophenol	14.681	184	77703	17.620	ng/ul#	81	
55) 4-Nitrophenol	14.781	109	125921	19.897	ng/ul#	48	
56) Dibenzofuran	14.975	168	952479	20.854	ng/ul	98	
57) 2,4-Dinitrotoluene	14.934	165	244843	21.237	ng/ul#	84	
58) 2,3,4,6-Tetrachlorophenol	15.198	232	206893	21.038	ng/ul#	86	
59) Diethylphthalate	15.393	149	821165	20.994	ng/ul	93	
61) Fluorene	15.622	166	780851	20.823	ng/ul	92	
62) 4-Chlorophenyl-phenyle...	15.616	204	406399	20.592	ng/ul	95	
63) 4-Nitroaniline	15.634	138	109429m	15.731	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.698	198	136959	20.284	ng/ul#	92	
67) N-Nitrosodiphenylamine	15.828	169	683092	21.511	ng/ul	94	
68) 4-Bromophenyl-phenylether	16.516	248	252262	21.369	ng/ul	94	
69) Hexachlorobenzene	16.640	284	286979	20.943	ng/ul#	92	
70) Atrazine	16.787	200	270637	20.963	ng/ul	91	
71) Pentachlorophenol	16.975	266	173600	19.893	ng/ul#	83	
72) Phenanthrene	17.369	178	1253302	20.834	ng/ul	98	
74) Anthracene	17.463	178	1287530	21.250	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.381	216	348914	21.595	ng/ul#	87	
76) Pentachlorobenzene	14.898	250	334434	21.107	ng/ul#	88	
77) Carbazole	17.728	167	1109379	20.691	ng/ul#	95	
78) Di-n-butylphthalate	18.281	149	1412870	21.419	ng/ul#	93	
80) Fluoranthene	19.334	202	1526958	22.560	ng/ul#	95	
82) Pyrene	19.686	202	1545889	22.169	ng/ul#	93	
83) Butylbenzylphthalate	20.551	149	660524	22.915	ng/ul#	81	
84) 3,3'-Dichlorobenzidine	21.322	252	364899	19.220	ng/ul#	96	
85) Benzo(a)anthracene	21.392	228	1429999	21.355	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.316	149	946583	22.157	ng/ul#	82	
87) Chrysene	21.451	228	1402446	21.270	ng/ul	99	
89) Di-n-octyl phthalate	22.257	149	1576105	22.276	ng/ul	100	
90) Benzo(b)fluoranthene	23.116	252	1332552	21.779	ng/ul	100	
91) Benzo(k)fluoranthene	23.163	252	1258488	21.714	ng/ul#	98	
93) Benzo(a)pyrene	23.757	252	1220236	21.566	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.427	276	1200528	21.329	ng/ul#	93	
95) Dibenzo(a,h)anthracene	26.451	278	1019929	21.177	ng/ul#	95	
96) Benzo(g,h,i)perylene	27.210	276	1009012	21.246	ng/ul#	91	

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

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