

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
 Data File : BP021889.D
 Acq On : 11 Sep 2024 19:38
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV614

Quant Time: Sep 12 06:20:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 18:13:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	97751	20.000	ng/u1	0.02
20) Naphthalene-d8	10.528	136	419743	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.363	164	316622	20.000	ng/u1	0.02
64) Phenanthrene-d10	17.157	188	745235	20.000	ng/u1	0.02
79) Chrysene-d12	21.586	240	795336	20.000	ng/u1	0.02
88) Perylene-d12	24.921	264	917080	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	26591	8.799	ng/uL	0.01
4) Pyridine-d5	3.687	84	193411	21.739	ng/u1	0.00
7) Phenol-d5	6.934	99	151992	18.197	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	89450	18.438	ng/u1	0.00
11) 2-Chlorophenol-d4	7.299	132	128118	22.035	ng/u1	0.01
15) 4-Methylphenol-d8	8.458	113	129958	19.488	ng/u1	0.02
21) Nitrobenzene-d5	8.899	128	63144	24.155	ng/u1	0.02
24) 2-Nitrophenol-d4	9.616	143	69612	23.424	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.152	165	143354	21.783	ng/u1	0.02
31) 4-Chloroaniline-d4	10.652	131	188476	19.651	ng/u1	0.01
46) Dimethylphthalate-d6	13.769	166	484984	20.388	ng/u1	0.02
49) Acenaphthylene-d8	14.051	160	521710	19.994	ng/u1	0.02
54) 4-Nitrophenol-d4	14.569	143	86851	19.314	ng/u1	0.02
60) Fluorene-d10	15.363	176	415295	18.368	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.487	200	82919	19.448	ng/u1	0.01
73) Anthracene-d10	17.263	188	675869	19.524	ng/u1	0.02
81) Pyrene-d10	19.633	212	863455	19.623	ng/u1	0.03
92) Benzo(a)pyrene-d12	24.674	264	944216	19.784	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	28739	8.851	ng/uL	98
5) Pyridine	3.705	79	179013	20.124	ng/u1	98
6) Benzaldehyde	6.911	77	104733	23.976	ng/u1	99
8) Phenol	6.964	94	159448	18.403	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	122134	18.781	ng/u1	94
12) 2-Chlorophenol	7.334	128	129421	21.641	ng/u1	98
13) 2-Methylphenol	8.193	108	119489	19.502	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.269	45	138084	19.536	ng/u1	97
16) Acetophenone	8.569	105	216952	20.174	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.558	70	105582	20.537	ng/u1	97
18) 4-Methylphenol	8.516	108	136368	19.841	ng/u1	94
19) Hexachloroethane	8.828	117	54831	19.329	ng/u1	96
22) Nitrobenzene	8.940	77	163936	23.409	ng/u1	99
23) Isophorone	9.463	82	295293	22.612	ng/u1	99
25) 2-Nitrophenol	9.646	139	76531	23.270	ng/u1	99
26) 2,4-Dimethylphenol	9.705	107	159571	22.827	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.934	93	170009	21.262	ng/u1	100
29) 2,4-Dichlorophenol	10.175	162	146478	21.755	ng/u1	98
30) Naphthalene	10.575	128	432338	19.346	ng/u1	99
32) 4-Chloroaniline	10.675	127	184879	19.579	ng/u1	99
33) Hexachlorobutadiene	10.863	225	107132	19.978	ng/u1	98
34) Caprolactam	11.452	113	45031m	19.296	ng/u1	
35) 4-Chloro-3-methylphenol	11.799	107	157140	20.645	ng/u1	98
36) 2-Methylnaphthalene	12.181	142	319108	19.460	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.399	142	323606	19.365	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.546	216	206728	19.175	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	118002	19.336	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	129278	19.506	ng/ul	97
42) 2,4,5-Trichlorophenol	12.863	196	141506	19.372	ng/ul	99
43) 1,1'-Biphenyl	13.193	154	448285	19.328	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	359744	19.199	ng/ul	100
45) 2-Nitroaniline	13.434	65	104960	21.084	ng/ul	97
47) Dimethylphthalate	13.816	163	484329	20.096	ng/ul	100
48) 2,6-Dinitrotoluene	13.934	165	95498	21.324	ng/ul	98
50) Acenaphthylene	14.081	152	549848	19.830	ng/ul	99
51) 3-Nitroaniline	14.263	138	94758	20.878	ng/ul	96
52) Acenaphthene	14.428	153	383150	19.265	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	53238	18.806	ng/ul	94
55) 4-Nitrophenol	14.587	109	88829	22.005	ng/ul	96
56) Dibenzofuran	14.769	168	559283	19.205	ng/ul	97
57) 2,4-Dinitrotoluene	14.728	165	147212	20.968	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	128210	20.379	ng/ul	95
59) Diethylphthalate	15.198	149	485408	20.062	ng/ul	100
61) Fluorene	15.422	166	465611	18.234	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	240984	18.123	ng/ul	96
63) 4-Nitroaniline	15.434	138	101302	20.120	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.504	198	91484	19.430	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	407790	19.839	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	155528	20.011	ng/ul	94
69) Hexachlorobenzene	16.445	284	188120	20.165	ng/ul	96
70) Atrazine	16.610	200	166070	20.589	ng/ul	96
71) Pentachlorophenol	16.798	266	121213	19.898	ng/ul	97
72) Phenanthrene	17.198	178	782961	19.394	ng/ul	99
74) Anthracene	17.298	178	767549	18.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	210002	20.135	ng/uL	98
76) Pentachlorobenzene	14.687	250	217788	20.870	ng/uL	98
77) Carbazole	17.575	167	726934	19.894	ng/ul	100
78) Di-n-butylphthalate	18.169	149	823857	20.511	ng/ul	99
80) Fluoranthene	19.286	202	991124	19.556	ng/ul	97
82) Pyrene	19.657	202	1071427	19.480	ng/ul	95
83) Butylbenzylphthalate	20.604	149	395912	20.935	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	371582	20.850	ng/ul	100
85) Benzo(a)anthracene	21.575	228	1100927	19.597	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	561444	20.551	ng/ul	99
87) Chrysene	21.633	228	1020457	18.992	ng/ul	98
89) Di-n-octyl phthalate	22.775	149	938644	19.194	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	1124803	19.751	ng/ul	99
91) Benzo(k)fluoranthene	23.933	252	1104156	19.623	ng/ul	98
93) Benzo(a)pyrene	24.751	252	1024386	19.486	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.674	276	1270805m	19.239	ng/ul	
95) Dibenzo(a,h)anthracene	28.751	278	1019196	19.154	ng/ul	98
96) Benzo(g,h,i)perylene	29.821	276	994575m	19.039	ng/ul	

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

