

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023327.D
 Acq On : 26 Nov 2024 18:20
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV641

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 00:11:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 00:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	72258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	282122	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.163	164	222580	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	537528	20.000	ng/u1	0.00
79) Chrysene-d12	21.404	240	628287	20.000	ng/u1	0.00
88) Perylene-d12	24.598	264	716640	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15630	7.964	ng/uL	0.00
4) Pyridine-d5	3.540	84	111330	22.059	ng/u1	0.00
7) Phenol-d5	6.763	99	126629	22.335	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	87628	24.498	ng/u1	0.00
11) 2-Chlorophenol-d4	7.111	132	94325	22.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	99849	21.821	ng/u1	0.00
21) Nitrobenzene-d5	8.705	128	45340	21.522	ng/u1	0.00
24) 2-Nitrophenol-d4	9.416	143	53056	21.852	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	113450	22.139	ng/u1	0.00
31) 4-Chloroaniline-d4	10.457	131	128204	22.332	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	380635	22.029	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	403287	22.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	39661	18.731	ng/u1	0.00
60) Fluorene-d10	15.181	176	339239	22.321	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.339	200	72258	22.243	ng/u1	0.00
73) Anthracene-d10	17.069	188	546537	22.278	ng/u1	0.00
81) Pyrene-d10	19.463	212	712058	21.692	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	843014	21.975	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	17306	7.969	ng/uL	98
5) Pyridine	3.558	79	99764	19.352	ng/u1	97
6) Benzaldehyde	6.740	77	66272m	20.447	ng/u1	
8) Phenol	6.793	94	131945	22.354	ng/u1	92
10) Bis(2-Chloroethyl)ether	6.999	93	106704	22.902	ng/u1	98
12) 2-Chlorophenol	7.140	128	93587	21.334	ng/u1	95
13) 2-Methylphenol	8.010	108	95485	21.814	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.063	45	124416	21.959	ng/u1	97
16) Acetophenone	8.375	105	171246	22.235	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.352	70	92988	22.159	ng/u1	96
18) 4-Methylphenol	8.334	108	105919	22.418	ng/u1	96
19) Hexachloroethane	8.605	117	43636	20.430	ng/u1	95
22) Nitrobenzene	8.746	77	134861	21.038	ng/u1	98
23) Isophorone	9.263	82	244015	21.492	ng/u1	99
25) 2-Nitrophenol	9.446	139	56937	21.953	ng/u1	91
26) 2,4-Dimethylphenol	9.516	107	107371	18.696	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.728	93	139148	21.692	ng/u1	100
29) 2,4-Dichlorophenol	9.987	162	107870	21.239	ng/u1	99
30) Naphthalene	10.352	128	320530	21.702	ng/u1	100
32) 4-Chloroaniline	10.481	127	128823	23.142	ng/u1	97
33) Hexachlorobutadiene	10.622	225	95399	21.176	ng/u1	96
34) Caprolactam	11.275	113	32421m	21.878	ng/u1	
35) 4-Chloro-3-methylphenol	11.628	107	120351	21.824	ng/u1	98
36) 2-Methylnaphthalene	11.969	142	241028	22.007	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.187	142	227248	20.361	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.346	216	172333	21.217	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	68106	17.451	ng/ul	98
41) 2,4,6-Trichlorophenol	12.604	196	103803	21.595	ng/ul	99
42) 2,4,5-Trichlorophenol	12.698	196	112364	21.879	ng/ul	98
43) 1,1'-Biphenyl	12.993	154	340533	21.593	ng/ul	98
44) 2-Chloronaphthalene	13.040	162	275010	21.558	ng/ul	96
45) 2-Nitroaniline	13.263	65	79411	21.486	ng/ul	90
47) Dimethylphthalate	13.622	163	371082	21.802	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	78404	24.040	ng/ul	88
50) Acenaphthylene	13.881	152	417303	22.484	ng/ul	99
51) 3-Nitroaniline	14.116	138	68183	24.944	ng/ul	97
52) Acenaphthene	14.228	153	289986	21.376	ng/ul	96
53) 2,4-Dinitrophenol	14.351	184	41783	19.867	ng/ul	91
55) 4-Nitrophenol	14.463	109	61184	21.449	ng/ul#	86
56) Dibenzofuran	14.575	168	446524	21.673	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	117409	22.341	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.828	232	113553	22.272	ng/ul	93
59) Diethylphthalate	15.010	149	363245	21.399	ng/ul	97
61) Fluorene	15.234	166	357312	21.300	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	203503	20.916	ng/ul	98
63) 4-Nitroaniline	15.292	138	62082	25.823	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.357	198	74264	21.549	ng/ul	98
67) N-Nitrosodiphenylamine	15.457	169	308513	22.475	ng/ul	100
68) 4-Bromophenyl-phenylether	16.145	248	136787	21.556	ng/ul	99
69) Hexachlorobenzene	16.257	284	174318	22.424	ng/ul	93
70) Atrazine	16.434	200	134943	22.592	ng/ul	99
71) Pentachlorophenol	16.628	266	97524	21.493	ng/ul	92
72) Phenanthrene	17.010	178	611682	22.011	ng/ul	99
74) Anthracene	17.104	178	614003	22.097	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.957	216	165685	21.384	ng/ul	99
76) Pentachlorobenzene	14.492	250	186857	21.879	ng/ul	99
77) Carbazole	17.398	167	533301	23.558	ng/ul	100
78) Di-n-butylphthalate	17.981	149	610616	21.952	ng/ul	98
80) Fluoranthene	19.116	202	796780	21.183	ng/ul	99
82) Pyrene	19.492	202	838425	21.006	ng/ul	98
83) Butylbenzylphthalate	20.439	149	307076	22.213	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	346575	24.040	ng/ul	99
85) Benzo(a)anthracene	21.386	228	912296	21.654	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	419737	21.143	ng/ul	98
87) Chrysene	21.451	228	871583	21.587	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	748127	21.375	ng/ul	100
90) Benzo(b)fluoranthene	23.586	252	984090	21.856	ng/ul	99
91) Benzo(k)fluoranthene	23.651	252	973647	21.734	ng/ul	100
93) Benzo(a)pyrene	24.433	252	900571m	22.060	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.198	276	1140680m	21.743	ng/ul	
95) Dibenzo(a,h)anthracene	28.274	278	917722m	21.858	ng/ul	
96) Benzo(g,h,i)perylene	29.345	276	845504m	21.049	ng/ul	

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

