

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023325.D
 Acq On : 26 Nov 2024 16:58
 Operator : RC/JU
 Sample : SSTD08059
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080639

Quant Time: Nov 26 23:49:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 26 23:16:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	106283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	421518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.163	164	331966	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.980	188	839386	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	878573	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	972917	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	81425	36.825	ng/uL	0.00
4) Pyridine-d5	3.534	84	595339	90.624	ng/u1	-0.01
7) Phenol-d5	6.763	99	676090	86.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	406516	88.055	ng/u1	0.00
11) 2-Chlorophenol-d4	7.104	132	489868	85.122	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	543651	84.075	ng/u1	0.00
21) Nitrobenzene-d5	8.704	128	249550	85.040	ng/u1	0.00
24) 2-Nitrophenol-d4	9.410	143	303667	86.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.945	165	619160	84.511	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.457	131	699627	80.045	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	1951906	81.582	ng/u1	0.00
49) Acenaphthylene-d8	13.851	160	2095358	83.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.434	143	300023	83.442	ng/u1	0.00
60) Fluorene-d10	15.186	176	1703499	81.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.333	200	425257	84.572	ng/u1	0.00
73) Anthracene-d10	17.080	188	2916271	82.055	ng/u1	0.00
81) Pyrene-d10	19.469	212	3613072	89.283	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	4078416	88.004	ng/u1	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	90097	35.265	ng/uL	94
5) Pyridine	3.552	79	598520	90.719	ng/u1	96
6) Benzaldehyde	6.728	77	336586	74.435	ng/u1	98
8) Phenol	6.793	94	697731	85.032	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.004	93	530626	86.056	ng/u1	97
12) 2-Chlorophenol	7.140	128	506244	84.729	ng/u1	97
13) 2-Methylphenol	8.004	108	517926	84.558	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.069	45	631289	90.440	ng/u1	98
16) Acetophenone	8.375	105	889802	81.889	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.363	70	469550	86.544	ng/u1	98
18) 4-Methylphenol	8.334	108	560000	82.775	ng/u1	97
19) Hexachloroethane	8.604	117	234321	81.091	ng/u1	97
22) Nitrobenzene	8.746	77	728622	86.533	ng/u1	99
23) Isophorone	9.263	82	1310420	87.036	ng/u1	98
25) 2-Nitrophenol	9.446	139	314149	85.076	ng/u1	94
26) 2,4-Dimethylphenol	9.510	107	657049	82.402	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.734	93	723803	87.372	ng/u1	98
29) 2,4-Dichlorophenol	9.969	162	607263	83.681	ng/u1	99
30) Naphthalene	10.351	128	1644193	80.290	ng/u1	100
32) 4-Chloroaniline	10.481	127	676200	79.854	ng/u1	98
33) Hexachlorobutadiene	10.622	225	498529	75.923	ng/u1	95
34) Caprolactam	11.287	113	179837m	83.316	ng/u1	
35) 4-Chloro-3-methylphenol	11.622	107	653656	83.728	ng/u1	95
36) 2-Methylnaphthalene	11.963	142	1249495	80.820	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.187	142	1259989	79.723	ng/ul	96	11/27/2024
39) 1,2,4,5-Tetrachloroben...	12.339	216	912604	81.430	ng/ul	97	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.304	237	511039	86.815	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	12.598	196	587772	86.129	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.681	196	626733	85.188	ng/ul	99	
43) 1,1'-Biphenyl	12.992	154	1779434	83.653	ng/ul	99	
44) 2-Chloronaphthalene	13.034	162	1449822	83.379	ng/ul	98	11/27/2024
45) 2-Nitroaniline	13.257	65	462915	94.812	ng/ul	97	
47) Dimethylphthalate	13.628	163	1900491	80.544	ng/ul	100	
48) 2,6-Dinitrotoluene	13.769	165	407596	88.805	ng/ul	91	
50) Acenaphthylene	13.881	152	2138103	84.727	ng/ul	99	
51) 3-Nitroaniline	14.110	138	323385	81.803	ng/ul	100	
52) Acenaphthene	14.228	153	1486796	81.153	ng/ul	99	
53) 2,4-Dinitrophenol	14.334	184	278381	85.479	ng/ul	99	
55) 4-Nitrophenol	14.445	109	338489	80.464	ng/ul	96	
56) Dibenzofuran	14.575	168	2308143	81.542	ng/ul	97	
57) 2,4-Dinitrotoluene	14.569	165	624620	85.387	ng/ul	90	
58) 2,3,4,6-Tetrachlorophenol	14.822	232	594581	82.679	ng/ul	96	
59) Diethylphthalate	15.016	149	1928163	82.625	ng/ul	99	
61) Fluorene	15.239	166	1892946	81.705	ng/ul	100	
62) 4-Chlorophenyl-phenyle...	15.228	204	1093794	80.181	ng/ul	100	
63) 4-Nitroaniline	15.292	138	282900	76.905	ng/ul	96	
66) 4,6-Dinitro-2-methylph...	15.345	198	447095	83.236	ng/ul	94	
67) N-Nitrosodiphenylamine	15.463	169	1613437	83.184	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.151	248	754709	79.400	ng/ul	96	
69) Hexachlorobenzene	16.263	284	914070	76.390	ng/ul	94	
70) Atrazine	16.451	200	715344	76.298	ng/ul	99	
71) Pentachlorophenol	16.628	266	591254	79.587	ng/ul	95	
72) Phenanthrene	17.016	178	3201219	80.775	ng/ul	99	
74) Anthracene	17.116	178	3243598	81.404	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	12.951	216	924808	83.448	ng/ul	99	
76) Pentachlorobenzene	14.498	250	1014870	80.200	ng/ul	100	
77) Carbazole	17.404	167	2769530	79.667	ng/ul	99	
78) Di-n-butylphthalate	17.986	149	3414805	88.518	ng/ul	99	
80) Fluoranthene	19.121	202	4252225	91.208	ng/ul	98	
82) Pyrene	19.498	202	4368761	87.229	ng/ul	99	
83) Butylbenzylphthalate	20.445	149	1606031	97.398	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.315	252	1674811	84.924	ng/ul	100	
85) Benzo(a)anthracene	21.392	228	4480536	83.519	ng/ul	100	
86) Bis(2-ethylhexyl)phtha...	21.315	149	2332860	99.556	ng/ul#	98	
87) Chrysene	21.463	228	4121773	81.654	ng/ul	100	
89) Di-n-octyl phthalate	22.533	149	3873772	98.142	ng/ul	100	
90) Benzo(b)fluoranthene	23.598	252	4782118	88.308	ng/ul	99	
91) Benzo(k)fluoranthene	23.662	252	4617932	86.626	ng/ul	99	
93) Benzo(a)pyrene	24.462	252	4259664	87.016	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	28.233	276	5491025m	80.511	ng/ul		
95) Dibenzo(a,h)anthracene	28.297	278	4410022m	79.636	ng/ul		
96) Benzo(g,h,i)perylene	29.362	276	4217663m	81.417	ng/ul		

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

