

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112624\
 Data File : BP023322.D
 Acq On : 26 Nov 2024 14:16
 Operator : RC/JU
 Sample : SSTD01056
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD010636

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Nov 26 23:44:24 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	70159	20.000	ng/u1	0.00
20) Naphthalene-d8	10.304	136	278454	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.175	164	219919	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.980	188	567852	20.000	ng/u1	0.00
79) Chrysene-d12	21.404	240	661949	20.000	ng/u1	0.00
88) Perylene-d12	24.609	264	782287	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	8376	5.739	ng/uL	0.00
4) Pyridine-d5	3.552	84	50757	11.705	ng/u1	0.00
7) Phenol-d5	6.775	99	55098	10.622	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	38361	12.588	ng/u1	0.00
11) 2-Chlorophenol-d4	7.116	132	41910	11.032	ng/u1	0.01
15) 4-Methylphenol-d8	8.281	113	45347	10.624	ng/u1	0.01
21) Nitrobenzene-d5	8.704	128	21782	11.236	ng/u1	0.00
24) 2-Nitrophenol-d4	9.422	143	24961	10.801	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	9.969	165	51698	10.682	ng/u1	0.01
31) 4-Chloroaniline-d4	10.469	131	56993	9.871	ng/u1	0.02
46) Dimethylphthalate-d6	13.575	166	178712	11.275	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	194275	11.747	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	13340	5.600	ng/u1	0.03
60) Fluorene-d10	15.186	176	163448	11.762	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	31698	9.318	ng/u1	0.01
73) Anthracene-d10	17.074	188	270868	11.266	ng/u1	0.00
81) Pyrene-d10	19.468	212	353101	11.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	432396	11.604	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	9289	5.508	ng/uL	95
5) Pyridine	3.569	79	51774	11.888	ng/u1	97
6) Benzaldehyde	6.746	77	37674m	12.621	ng/u1	
8) Phenol	6.804	94	57840	10.678	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.998	93	49577	12.180	ng/u1	99
12) 2-Chlorophenol	7.146	128	45585	11.558	ng/u1	98
13) 2-Methylphenol	8.016	108	43987	10.879	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.063	45	63145	13.704	ng/u1	97
16) Acetophenone	8.375	105	82301	11.474	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.351	70	44363	12.387	ng/u1	97
18) 4-Methylphenol	8.345	108	47194	10.568	ng/u1	92
19) Hexachloroethane	8.604	117	22398	11.742	ng/u1	94
22) Nitrobenzene	8.745	77	68252	12.270	ng/u1	94
23) Isophorone	9.263	82	120676	12.133	ng/u1	100
25) 2-Nitrophenol	9.451	139	27101	11.110	ng/u1	99
26) 2,4-Dimethylphenol	9.522	107	60442	11.475	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.734	93	66432	12.139	ng/u1	98
29) 2,4-Dichlorophenol	9.992	162	52167	10.882	ng/u1	99
30) Naphthalene	10.351	128	157913	11.673	ng/u1	99
32) 4-Chloroaniline	10.492	127	57442	10.269	ng/u1	99
33) Hexachlorobutadiene	10.628	225	48118	11.093	ng/u1	96
34) Caprolactam	11.286	113	14283m	10.017	ng/u1	
35) 4-Chloro-3-methylphenol	11.634	107	56300	10.917	ng/u1	98
36) 2-Methylnaphthalene	11.975	142	114536	11.215	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.186	142	117773	11.280	ng/ul	96	11/27/2024
39) 1,2,4,5-Tetrachloroben...	12.351	216	87502	11.786	ng/ul	93	Supervised By :mohammad ahmed
40) Hexachlorocyclopentadiene	12.316	237	32478	8.328	ng/ul	97	
41) 2,4,6-Trichlorophenol	12.610	196	49298	10.904	ng/ul	97	
42) 2,4,5-Trichlorophenol	12.704	196	52188	10.708	ng/ul	98	
43) 1,1'-Biphenyl	12.998	154	166783	11.835	ng/ul	97	
44) 2-Chloronaphthalene	13.045	162	134209	11.651	ng/ul	98	11/27/2024
45) 2-Nitroaniline	13.269	65	36309	11.226	ng/ul	94	
47) Dimethylphthalate	13.628	163	179614	11.490	ng/ul	99	
48) 2,6-Dinitrotoluene	13.780	165	32610	10.725	ng/ul	98	
50) Acenaphthylene	13.886	152	195273	11.681	ng/ul	99	
51) 3-Nitroaniline	14.133	138	26457	10.102	ng/ul	97	
52) Acenaphthene	14.227	153	144395	11.897	ng/ul	95	
53) 2,4-Dinitrophenol	14.363	184	16792m	7.783	ng/ul		
55) 4-Nitrophenol	14.492	109	27485m	9.862	ng/ul		
56) Dibenzofuran	14.580	168	219729	11.718	ng/ul	98	
57) 2,4-Dinitrotoluene	14.580	165	53385	11.016	ng/ul#	84	
58) 2,3,4,6-Tetrachlorophenol	14.833	232	53384	11.205	ng/ul	96	
59) Diethylphthalate	15.010	149	178232	11.529	ng/ul	99	
61) Fluorene	15.245	166	179016	11.664	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.233	204	105332	11.655	ng/ul	97	
63) 4-Nitroaniline	15.304	138	23169	9.507	ng/ul	88	
66) 4,6-Dinitro-2-methylph...	15.357	198	33817	9.306	ng/ul#	88	
67) N-Nitrosodiphenylamine	15.457	169	154296	11.759	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.145	248	71822	11.169	ng/ul	99	
69) Hexachlorobenzene	16.269	284	87795	10.846	ng/ul	99	
70) Atrazine	16.433	200	67137	10.585	ng/ul	99	
71) Pentachlorophenol	16.639	266	44678	8.890	ng/ul	93	
72) Phenanthrene	17.021	178	315246	11.758	ng/ul	99	
74) Anthracene	17.110	178	311094	11.541	ng/ul	100	
75) 1,2,3,4-Tetrachloroben...	12.957	216	86591	11.549	ng/uL	95	
76) Pentachlorobenzene	14.504	250	96595	11.284	ng/uL	100	
77) Carbazole	17.410	167	249906	10.626	ng/ul	99	
78) Di-n-butylphthalate	17.986	149	303641	11.635	ng/ul	99	
80) Fluoranthene	19.121	202	403118	11.476	ng/ul	99	
82) Pyrene	19.504	202	435596	11.544	ng/ul	99	
83) Butylbenzylphthalate	20.439	149	143916	11.584	ng/ul	93	
84) 3,3'-Dichlorobenzidine	21.321	252	150670	10.140	ng/ul#	98	
85) Benzo(a)anthracene	21.386	228	463369	11.464	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.315	149	207646	11.761	ng/ul	99	
87) Chrysene	21.457	228	454827	11.959	ng/ul	100	
89) Di-n-octyl phthalate	22.527	149	370979	11.689	ng/ul	100	
90) Benzo(b)fluoranthene	23.592	252	491700	11.293	ng/ul	99	
91) Benzo(k)fluoranthene	23.656	252	526075	12.273	ng/ul	99	
93) Benzo(a)pyrene	24.451	252	462305	11.745	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	28.227	276	616859m	11.249	ng/ul		
95) Dibenzo(a,h)anthracene	28.268	278	489391m	10.991	ng/ul		
96) Benzo(g,h,i)perylene	29.362	276	472760m	11.350	ng/ul		

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

