

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043024\
 Data File : BP020128.D
 Acq On : 30 Apr 2024 21:04
 Operator : MA/JU
 Sample : P2220-04MS 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0813MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: May 01 02:01:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 00:58:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	87204	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	382301	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	282539	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	640914	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	661678	20.000	ng/u1	-0.01
88) Perylene-d12	25.039	264	663086	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	5440	2.605	ng/uL	0.00
4) Pyridine-d5	3.628	84	77276	12.562	ng/u1	0.01
7) Phenol-d5	6.822	99	68658	9.285	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.987	67	204381	42.905	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	167858	32.332	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	128388	22.805	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	118673	40.422	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	130361	40.010	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	233472	38.077	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	308354	38.563	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	953058	47.228	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	977950	42.519	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	32843	10.012	ng/u1	0.00
60) Fluorene-d10	15.340	176	791024	45.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	190923	46.589	ng/u1	0.00
73) Anthracene-d10	17.275	188	1361607	47.849	ng/u1	0.01
81) Pyrene-d10	19.669	212	1720967	48.888	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.810	264	1573224	48.626	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	13323	5.676	ng/uL#	1
5) Pyridine	3.646	79	84011	13.316	ng/u1	99
6) Benzaldehyde	6.805	77	231013	54.548	ng/u1	98
8) Phenol	6.852	94	73971	9.628	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	246478	40.687	ng/u1	98
12) 2-Chlorophenol	7.205	128	172671	31.692	ng/u1	97
13) 2-Methylphenol	8.075	108	145550	26.213	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.152	45	345613	41.405	ng/u1	98
16) Acetophenone	8.458	105	425829	45.549	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.440	70	245913	48.066	ng/u1#	99
18) 4-Methylphenol	8.405	108	139533	23.742	ng/u1	100
19) Hexachloroethane	8.681	117	89207	33.883	ng/u1	99
22) Nitrobenzene	8.834	77	350606	39.895	ng/u1	97
23) Isophorone	9.357	82	678837	43.401	ng/u1	99
25) 2-Nitrophenol	9.534	139	133891	38.910	ng/u1	99
26) 2,4-Dimethylphenol	9.593	107	245664	33.987	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	366321	41.081	ng/u1	97
29) 2,4-Dichlorophenol	10.063	162	224231	37.146	ng/u1	99
30) Naphthalene	10.457	128	755588	38.229	ng/u1	99
32) 4-Chloroaniline	10.581	127	295584	37.381	ng/u1	97
33) Hexachlorobutadiene	10.722	225	174474	34.611	ng/u1	97
34) Caprolactam	11.416	113	15130	7.437	ng/u1	93
35) 4-Chloro-3-methylphenol	11.716	107	264903	37.903	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	564225	42.629	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.310	142	572649	43.055	ng/ul	98	05/03/2024
39) 1,2,4,5-Tetrachloroben...	12.451	216	365205	38.148	ng/ul	99	Supervised By :mohammad
40) Hexachlorocyclopentadiene	12.416	237	153925	30.425	ng/ul	99	ahmed
41) 2,4,6-Trichlorophenol	12.710	196	238604	41.119	ng/ul	99	
42) 2,4,5-Trichlorophenol	12.787	196	256278	41.115	ng/ul	99	
43) 1,1'-Biphenyl	13.110	154	788720	39.728	ng/ul	99	
44) 2-Chloronaphthalene	13.157	162	628999	39.136	ng/ul	99	05/03/2024
45) 2-Nitroaniline	13.393	65	265791	47.352	ng/ul	98	
47) Dimethylphthalate	13.769	163	937542	45.521	ng/ul	100	
48) 2,6-Dinitrotoluene	13.904	165	193325	46.161	ng/ul	96	
50) Acenaphthylene	14.028	152	1050262	40.839	ng/ul	100	
51) 3-Nitroaniline	14.251	138	184661	47.019	ng/ul	94	
52) Acenaphthene	14.375	153	687408	40.780	ng/ul	97	
53) 2,4-Dinitrophenol	14.469	184	123118	46.308	ng/ul	96	
55) 4-Nitrophenol	14.587	109	33172	9.558	ng/ul	99	
56) Dibenzofuran	14.728	168	1028633	43.094	ng/ul	97	
57) 2,4-Dinitrotoluene	14.722	165	297428	48.464	ng/ul	98	
58) 2,3,4,6-Tetrachlorophenol	14.969	232	256465	44.694	ng/ul	97	
59) Diethylphthalate	15.181	149	966031	46.515	ng/ul	99	
61) Fluorene	15.398	166	873018	44.045	ng/ul	99	
62) 4-Chlorophenyl-phenyle...	15.398	204	468571	43.265	ng/ul	99	
63) 4-Nitroaniline	15.445	138	183867	52.311	ng/ul	97	
66) 4,6-Dinitro-2-methylph...	15.510	198	195749	45.184	ng/ul#	99	
67) N-Nitrosodiphenylamine	15.628	169	784591	47.070	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.328	248	312565	45.224	ng/ul	100	
69) Hexachlorobenzene	16.422	284	358056	51.164	ng/ul	98	
70) Atrazine	16.628	200	347256	51.587	ng/ul	98	
71) Pentachlorophenol	16.804	266	228611	45.743	ng/ul	100	
72) Phenanthrene	17.204	178	1504763	45.918	ng/ul	99	
74) Anthracene	17.310	178	1527596	45.185	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.069	216	366421	38.905	ng/uL	99	
76) Pentachlorobenzene	14.640	250	396758	43.109	ng/uL	97	
77) Carbazole	17.598	167	1400300	46.678	ng/ul	100	
78) Di-n-butylphthalate	18.204	149	1752344	47.687	ng/ul	100	
80) Fluoranthene	19.322	202	1939817	47.553	ng/ul	99	
82) Pyrene	19.698	202	2049408	47.874	ng/ul	99	
83) Butylbenzylphthalate	20.675	149	815586	47.229	ng/ul	98	
84) 3,3'-Dichlorobenzidine	21.569	252	666073	43.038	ng/ul	98	
85) Benzo(a)anthracene	21.645	228	2097022	45.656	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.586	149	1150778	45.557	ng/ul	98	
87) Chrysene	21.704	228	1966442	46.132	ng/ul	99	
89) Di-n-octyl phthalate	22.898	149	1989201	50.166	ng/ul	100	
90) Benzo(b)fluoranthene	23.980	252	1953157	49.697	ng/ul	99	
91) Benzo(k)fluoranthene	24.051	252	1962243	49.371	ng/ul	99	
93) Benzo(a)pyrene	24.880	252	1601467	42.488	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	28.880	276	1916670m	42.180	ng/ul		
95) Dibenzo(a,h)anthracene	28.980	278	1573835m	41.959	ng/ul		
96) Benzo(g,h,i)perylene	30.068	276	1449421m	39.668	ng/ul		

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

