

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
 Data File : BP019958.D
 Acq On : 22 Mar 2024 15:14
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV608

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 03/26/2024

Supervised By :Mohammad
 ahmed
 03/26/2024

Quant Time: Mar 22 22:46:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 22 22:40:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	104053m	20.000	ng/u1	-0.04
20) Naphthalene-d8	10.352	136	414333	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.251	164	264737	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.087	188	575965	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	541224	20.000	ng/u1	0.02
88) Perylene-d12	24.904	264	614695	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	20168	8.492	ng/uL	-0.02
4) Pyridine-d5	3.623	84	155286	21.655	ng/u1	-0.02
7) Phenol-d5	6.769	99	183738	20.937	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	6.946	67	130772	22.872	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.128	132	134263	21.304	ng/u1	-0.03
15) 4-Methylphenol-d8	8.281	113	141021m	20.770	ng/u1	-0.03
21) Nitrobenzene-d5	8.734	128	67243	21.174	ng/u1	-0.04
24) 2-Nitrophenol-d4	9.452	143	75368	21.211	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	9.975	165	140206	21.606	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.499	131	182846	21.614	ng/u1	-0.02
46) Dimethylphthalate-d6	13.681	166	406604	21.906	ng/u1	0.01
49) Acenaphthylene-d8	13.934	160	467114	21.543	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.498	143	65251	22.361	ng/u1	0.00
60) Fluorene-d10	15.281	176	346579	21.919	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	68558	19.885	ng/u1	-0.01
73) Anthracene-d10	17.187	188	534784	20.975	ng/u1	0.00
81) Pyrene-d10	19.592	212	636734	20.052	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.669	264	628167	21.271	ng/u1	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	21078	7.778	ng/uL	94
5) Pyridine	3.640	79	138073	18.890	ng/u1	99
6) Benzaldehyde	6.752	77	109875	25.320	ng/u1	98
8) Phenol	6.799	94	186717	20.351	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.034	93	144394	19.433	ng/u1	99
12) 2-Chlorophenol	7.158	128	136836	20.602	ng/u1	98
13) 2-Methylphenol	8.022	108	132346	20.010	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.099	45	204454m	20.011	ng/u1	
16) Acetophenone	8.393	105	228482	20.863	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	125276m	20.509	ng/u1	
18) 4-Methylphenol	8.346	108	145847	20.488	ng/u1	94
19) Hexachloroethane	8.634	117	62834m	20.368	ng/u1	
22) Nitrobenzene	8.775	77	182706	20.198	ng/u1	98
23) Isophorone	9.299	82	338652	20.084	ng/u1	98
25) 2-Nitrophenol	9.481	139	76950	20.774	ng/u1	99
26) 2,4-Dimethylphenol	9.534	107	127343	15.749	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.781	93	195252	19.803	ng/u1	98
29) 2,4-Dichlorophenol	10.005	162	129579	20.412	ng/u1	97
30) Naphthalene	10.399	128	429260	20.195	ng/u1	99
32) 4-Chloroaniline	10.522	127	170416	20.527	ng/u1	99
33) Hexachlorobutadiene	10.663	225	98332	19.655	ng/u1	97
34) Caprolactam	11.340	113	43335m	21.961	ng/u1	
35) 4-Chloro-3-methylphenol	11.657	107	150554	21.349	ng/u1	99
36) 2-Methylnaphthalene	12.028	142	287784	20.334	ng/u1	99

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37) 1-Methylnaphthalene	12.240	142	272306	19.238	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.404	216	180955	20.674	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	63458	12.812	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	110894	20.623	ng/ul	97
42) 2,4,5-Trichlorophenol	12.734	196	118177	21.249	ng/ul	97
43) 1,1'-Biphenyl	13.063	154	393026	20.500	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	306295	19.811	ng/ul	98
45) 2-Nitroaniline	13.334	65	104038	21.363	ng/ul	97
47) Dimethylphthalate	13.728	163	388412	20.732	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	84337	22.171	ng/ul	93
50) Acenaphthylene	13.969	152	498711	20.567	ng/ul	99
51) 3-Nitroaniline	14.187	138	83091	23.719	ng/ul	91
52) Acenaphthene	14.316	153	312617	19.408	ng/ul	98
53) 2,4-Dinitrophenol	14.422	184	42503	19.633	ng/ul	96
55) 4-Nitrophenol	14.510	109	56278	21.016	ng/ul	96
56) Dibenzofuran	14.663	168	457974	20.935	ng/ul	97
57) 2,4-Dinitrotoluene	14.646	165	114807	22.075	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.916	232	102548	21.501	ng/ul	97
59) Diethylphthalate	15.110	149	386415	20.799	ng/ul	99
61) Fluorene	15.345	166	362999	20.345	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.340	204	192098	20.101	ng/ul	97
63) 4-Nitroaniline	15.381	138	80359	26.859	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.440	198	68348	18.680	ng/ul	97
67) N-Nitrosodiphenylamine	15.563	169	321140	20.186	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	118156	18.902	ng/ul	97
69) Hexachlorobenzene	16.357	284	132548	19.096	ng/ul	98
70) Atrazine	16.557	200	118301	19.408	ng/ul	97
71) Pentachlorophenol	16.728	266	78037	19.179	ng/ul	96
72) Phenanthrene	17.134	178	580615	19.498	ng/ul	99
74) Anthracene	17.228	178	591968	19.578	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	175010	18.637	ng/uL	97
76) Pentachlorobenzene	14.575	250	159255	18.312	ng/uL	99
77) Carbazole	17.522	167	543250	21.011	ng/ul	100
78) Di-n-butylphthalate	18.116	149	650640	20.154	ng/ul	100
80) Fluoranthene	19.239	202	690970	18.525	ng/ul	98
82) Pyrene	19.622	202	729503	18.819	ng/ul	99
83) Butylbenzylphthalate	20.592	149	300298	19.077	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	272402	23.667	ng/ul	97
85) Benzo(a)anthracene	21.557	228	740966	19.783	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	433481	18.846	ng/ul	97
87) Chrysene	21.622	228	704188	20.223	ng/ul	99
89) Di-n-octyl phthalate	22.780	149	742541	19.046	ng/ul	100
90) Benzo(b)fluoranthene	23.845	252	721675	20.025	ng/ul	98
91) Benzo(k)fluoranthene	23.910	252	717534	19.592	ng/ul	98
93) Benzo(a)pyrene	24.745	252	680929	19.533	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.680	276	877390m	19.983	ng/ul	
95) Dibenzo(a,h)anthracene	28.757	278	692713	19.395	ng/ul	99
96) Benzo(g,h,i)perylene	29.821	276	672634	18.966	ng/ul	98

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

