

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062524\
 Data File : BP020643.D
 Acq On : 25 Jun 2024 18:25
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV643

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 19:11:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	175774	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	736779	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	464873	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.192	188	848597	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	568814	20.000	ng/u1	0.00
88) Perylene-d12	24.992	264	627001	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30814	7.528	ng/uL	0.00
4) Pyridine-d5	3.687	84	238039	19.953	ng/u1	0.00
7) Phenol-d5	6.928	99	296492	20.566	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	201173	22.011	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	233951	19.856	ng/u1	0.00
15) 4-Methylphenol-d8	8.452	113	241562	20.631	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	116438	21.406	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	121458	22.312	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	238226	21.245	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	328728	20.919	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	674464	20.867	ng/u1	0.02
49) Acenaphthylene-d8	14.075	160	798312	20.699	ng/u1	0.01
54) 4-Nitrophenol-d4	14.598	143	93836	19.001	ng/u1	0.00
60) Fluorene-d10	15.392	176	561157	20.632	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	86770	20.290	ng/u1	0.02
73) Anthracene-d10	17.292	188	782960	20.558	ng/u1	0.01
81) Pyrene-d10	19.669	212	760062	22.242	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.757	264	629028	20.624	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	31668	6.913	ng/uL	99
5) Pyridine	3.711	79	208816	16.898	ng/u1	99
6) Benzaldehyde	6.905	77	166818	22.881	ng/u1	99
8) Phenol	6.952	94	292256	19.879	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.181	93	234330	19.252	ng/u1	98
12) 2-Chlorophenol	7.322	128	237400	20.043	ng/u1	99
13) 2-Methylphenol	8.181	108	221417	19.630	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.257	45	355401	19.214	ng/u1	97
16) Acetophenone	8.557	105	387245	20.709	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.546	70	196594	19.780	ng/u1	98
18) 4-Methylphenol	8.510	108	241976	20.266	ng/u1	98
19) Hexachloroethane	8.810	117	99916	19.432	ng/u1	99
22) Nitrobenzene	8.934	77	275060	19.506	ng/u1	99
23) Isophorone	9.463	82	536170	19.190	ng/u1	98
25) 2-Nitrophenol	9.634	139	130120	22.134	ng/u1	96
26) 2,4-Dimethylphenol	9.693	107	214167	15.642	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.928	93	319198	19.204	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	227370	20.486	ng/u1	98
30) Naphthalene	10.569	128	763640	19.364	ng/u1	100
32) 4-Chloroaniline	10.681	127	303116	20.035	ng/u1	100
33) Hexachlorobutadiene	10.840	225	157494	18.981	ng/u1	98
34) Caprolactam	11.469	113	67029	19.846	ng/u1	93
35) 4-Chloro-3-methylphenol	11.798	107	246879	20.147	ng/u1	97
36) 2-Methylnaphthalene	12.169	142	526247	19.921	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	495246	18.339	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.545	216	298173	20.062	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	179583	19.413	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	178743	20.160	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	192358	20.918	ng/ul	95
43) 1,1'-Biphenyl	13.192	154	689827	19.842	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	529902	19.352	ng/ul	99
45) 2-Nitroaniline	13.451	65	149314	21.649	ng/ul	95
47) Dimethylphthalate	13.839	163	634392	19.268	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	133526	22.743	ng/ul	98
50) Acenaphthylene	14.104	152	851047	19.535	ng/ul	100
51) 3-Nitroaniline	14.292	138	125322	22.967	ng/ul	95
52) Acenaphthene	14.445	153	545763	18.885	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	56471	18.543	ng/ul	92
55) 4-Nitrophenol	14.610	109	78751	17.819	ng/ul	96
56) Dibenzofuran	14.786	168	776563	19.941	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	170012	20.979	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.016	232	156257	20.573	ng/ul	98
59) Diethylphthalate	15.228	149	632212	19.466	ng/ul	100
61) Fluorene	15.451	166	606896	19.396	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	312393	19.133	ng/ul	98
63) 4-Nitroaniline	15.475	138	115532	22.309	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.534	198	89100	19.450	ng/ul	97
67) N-Nitrosodiphenylamine	15.669	169	520890	20.814	ng/ul	98
68) 4-Bromophenyl-phenylether	16.369	248	187215	19.779	ng/ul	97
69) Hexachlorobenzene	16.469	284	210002	19.819	ng/ul	100
70) Atrazine	16.645	200	150630	17.073	ng/ul	98
71) Pentachlorophenol	16.828	266	113896	18.671	ng/ul	99
72) Phenanthrene	17.233	178	856424	19.273	ng/ul	100
74) Anthracene	17.328	178	870016	19.034	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	289378	21.008	ng/uL	99
76) Pentachlorobenzene	14.698	250	265798	20.246	ng/uL	99
77) Carbazole	17.610	167	725634	19.235	ng/ul	100
78) Di-n-butylphthalate	18.210	149	922047	18.819	ng/ul	99
80) Fluoranthene	19.322	202	871095	20.869	ng/ul	100
82) Pyrene	19.704	202	882981	20.626	ng/ul	99
83) Butylbenzylphthalate	20.657	149	325334	20.467	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	265499	21.111	ng/ul	96
85) Benzo(a)anthracene	21.621	228	757714	19.005	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	478353	19.382	ng/ul	100
87) Chrysene	21.692	228	722189	19.164	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	761445	18.917	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	714515	18.811	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	739962	19.258	ng/ul	99
93) Benzo(a)pyrene	24.833	252	680982	18.992	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	924650m	20.105	ng/ul	
95) Dibenzo(a,h)anthracene	28.874	278	740853	19.599	ng/ul	98
96) Benzo(g,h,i)perylene	29.968	276	730915	19.465	ng/ul	97

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

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